



CLIMATE EMERGENCY WORKPLAN 2022-2025

Implementing the Climate
Emergency Declaration

July 20, 2022 | Portland City Council

Donnie Oliveira

Director

Andria Jacob

Climate Policy and Program Manager



THE BUREAU OF
**PLANNING &
SUSTAINABILITY**

We are living in a **climate emergency.**
It's time for Portland to act like it.



The City of Portland's 2022-2025

**Climate Emergency
Workplan**

July 2022



THE BUREAU OF
**PLANNING &
SUSTAINABILITY**

Staff contributors

Stephanie Beckman	3DS	Andria Jacob	BPS
Jason Butler-Brown	3DS	Sallie Edmunds	BPS
Nishant Parulekar	3ES	Kyle Diesner	BPS
Kate Carone	3ES	Pam Neild	BPS
Marie Walkiewicz	3ES	Ingrid Fish	BPS
Cyan Gillespie	Fire	Shawn Wood	BPS
Kezia Wanner	Fire	Vinh Mason	BPS
Brian Landoe	Parks	Sonrisa Cooper	BPS
Brett Horner	Parks	Dirk Larson	BPS
Laura Lehman	Parks	Sam Baraso	BPS
Donna Papaefthimiou	PBEM	Jaimes Valdez	BPS
Courtney Duke	PBOT	Cady Lister	BPS
Eric Hesse	PBOT	Paul de Block	BPS
Cristin Hull	PBOT	Genevieve Jordin	BPS
Peter Hurley	PBOT	Alicia Polacok	BPS
Mel Hogg	PBOT	Patricia Diefenderfer	BPS
Katie Root	PBOT	Eric Engstrom	BPS
Kavita Heyn	Water	Jeff Caudill	BPS
Edward Campbell	Water	Jessica Mooring	BPS
		Lindsey Maser	BPS
		Janet Hammer	BPS
		Stefanus Gunawan	BPS



“It’s now or never, if we want to limit global warming to 1.5°C. Without immediate and deep emissions reductions across all sectors, it will be impossible.”

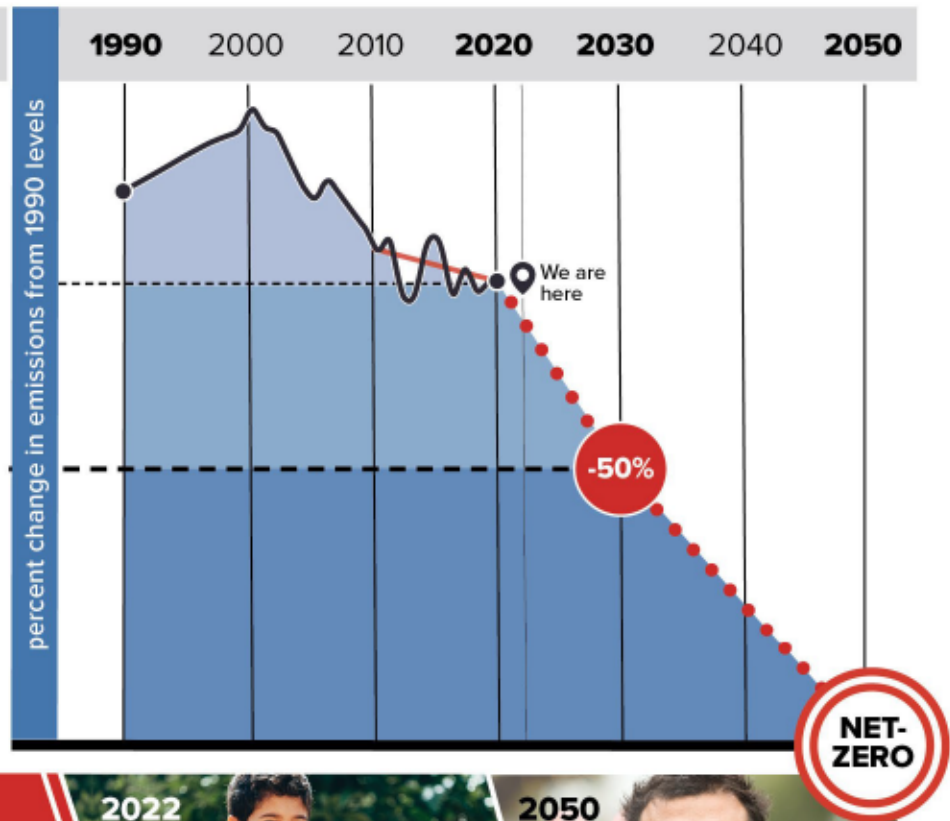
-Jim Skea, Co-Chair
IPCC Working Group III (April 4, 2022)

NOW OR NEVER

The science is unequivocal:
To prevent irreversible damage to the planet, we must keep average global temperatures from increasing 1.5° C above pre-industrial levels. This requires swift action:

By 2030 – We must slash Portland’s planet-warming carbon emissions 50% or more, compared to 1990 levels. We have eight years to meet this goal or else getting to net-zero could become impossible.

By 2050 — We must reduce emissions to net-zero by the time a current sixth-grader is 40 years old.



2022



2050



But there is good news

The worst-case scenario doesn't have to be our future. We still have options that could change the course of events for the people of Portland—those here today and those who will come after us.



We can do this

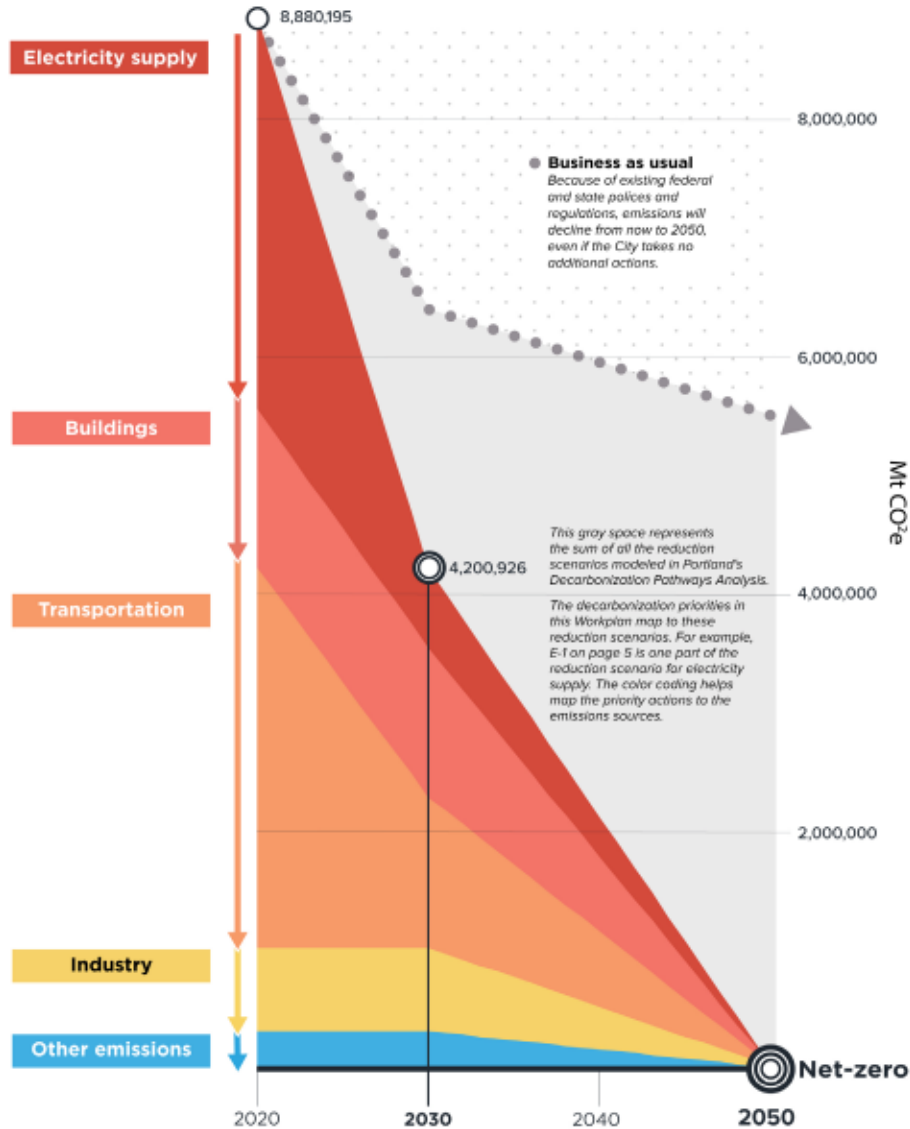
We can meet our 2030 and 2050 targets if we implement the priority actions in this workplan over the next three years. These actions are grounded in the best available science and shaped by years of discussions across our communities. They are the steps that City leaders and bureaus can take now to ensure the best-case scenario for Portland in a rapidly warming world.



Portland's pathways to net-zero carbon by 2050

Highest-impact priorities:

- E-1: 100% renewable electricity supply
- T-1 through T-5: Portland Preferred Transportation Policy Scenario
- T-6: Electric vehicles to replace remaining gasoline
- T-9: Renewable biofuels to replace remaining diesel fuel
- I-1: Industrial innovation



Priority areas: decarbonization and resilience

Decarbonization

BPS + PBOT

- Electricity supply
- Buildings
- Transportation
- Fuels
- Industry
- Land-use
- Embodied carbon/food
- Cross-sector

Resilience

BPS, BES, BRFS, JOHS, OMF, PBEM, PBOT, PF&R, PP&R, PWB

- Flooding
- Trees
- Natural resource protection
- Wildfire
- Health impacts (heat + smoke)
- Resilience hubs
- Internal policies





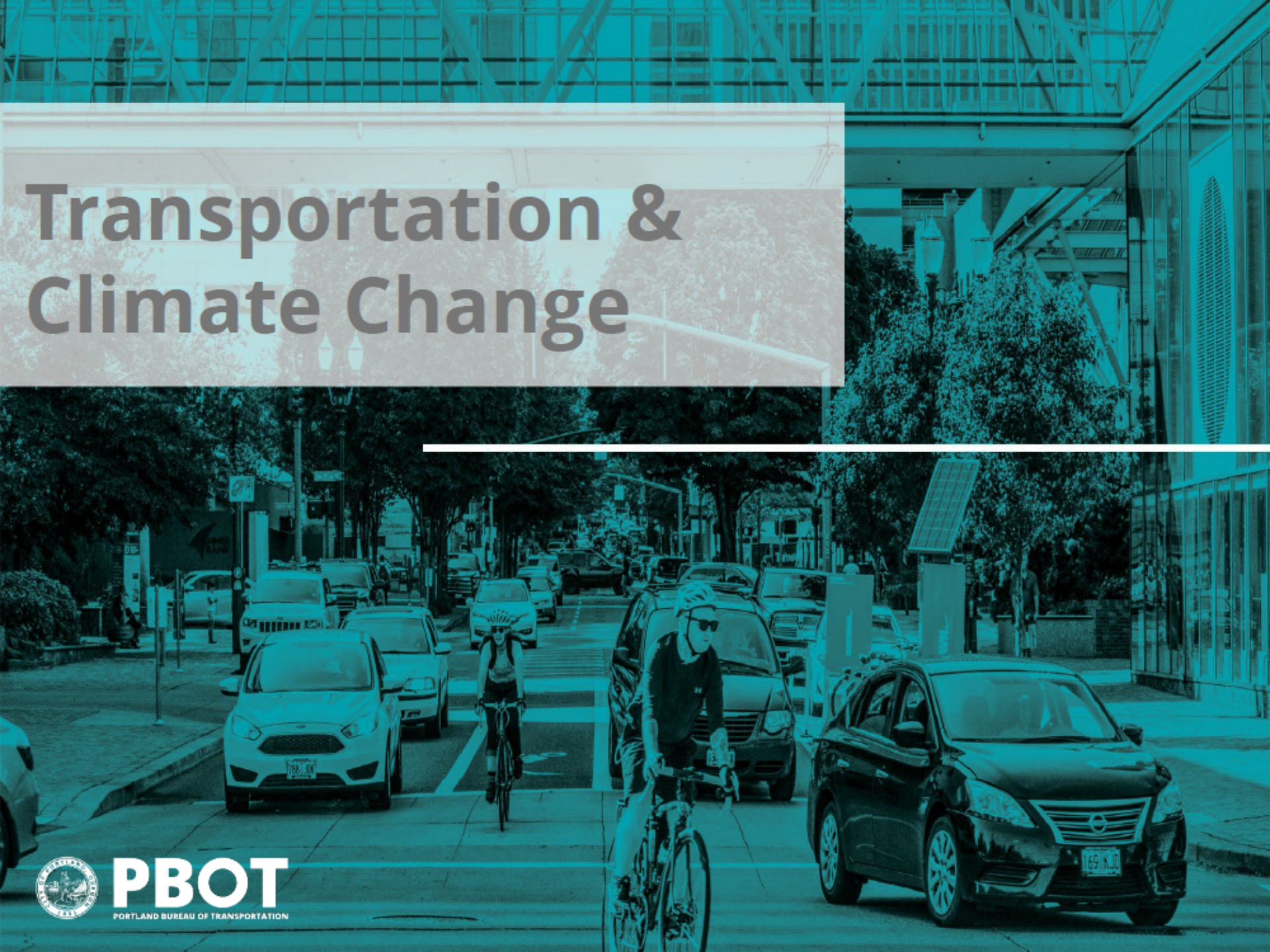
Bureau presentations



Transportation & Climate Change



PBOT
PORTLAND BUREAU OF TRANSPORTATION





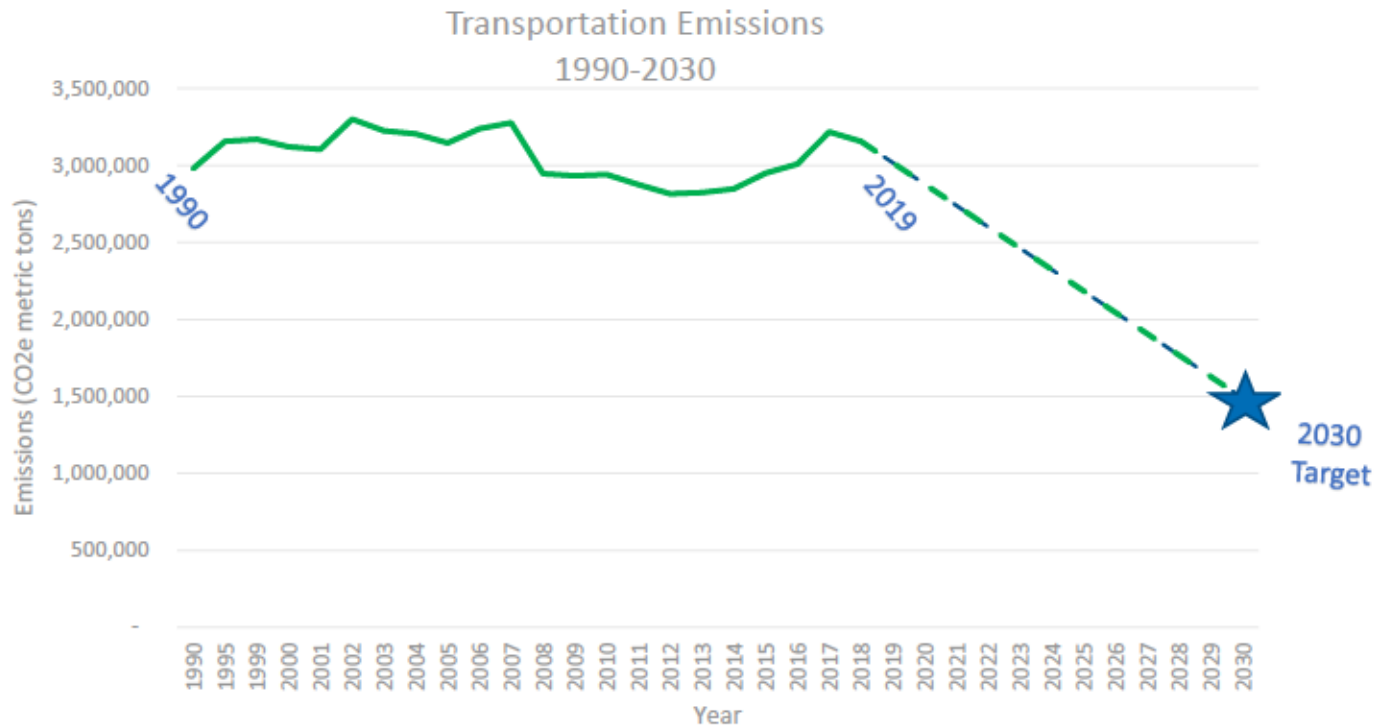
Will it advance equity and address structural racism?

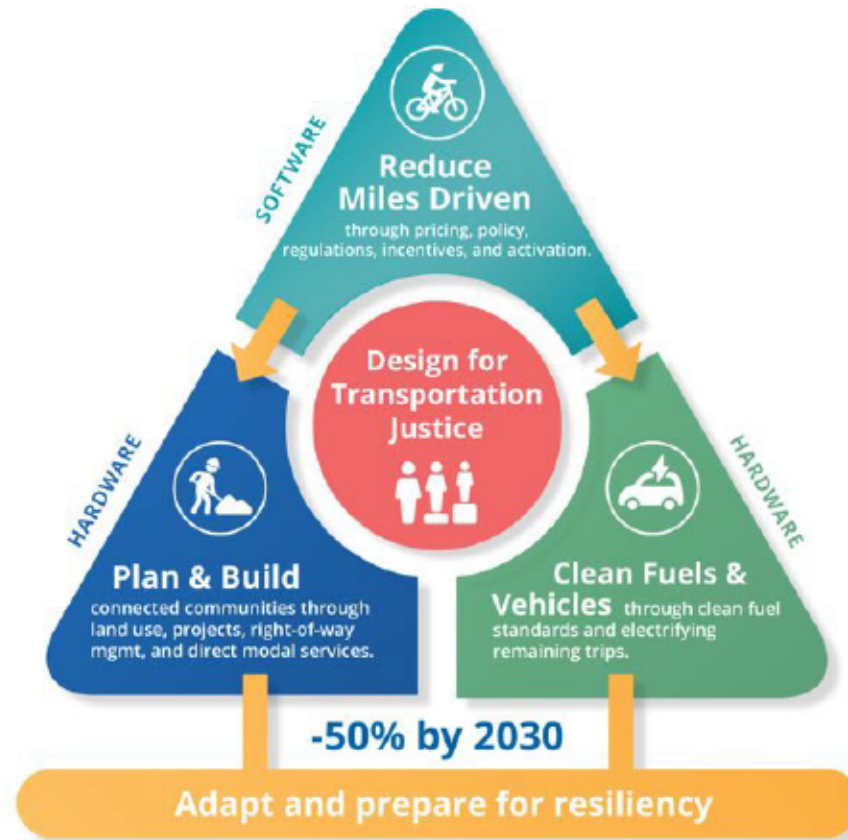


Will it reduce carbon emissions?

Source: Portland Bureau of Transportation. 2018. Moving to Our Future: PBOT's Strategic Plan 2019-2024.
<https://www.portland.gov/transportation/strategic-plan/strategic-plan-overview>.

**PORTLAND'S TRANSPORTATION EMISSIONS ARE UP 3% SINCE 1990.
WE'RE OFF TRACK AND MUST CHANGE TRAJECTORY FAST TO MEET 2030 GOALS.**





FY 21-22 Accomplishments

1

**Blumenauer Bridge
and Building a Better
82nd Ave**



2

**BIKETOWN
Expansion**



3

**Rose Lane Transit
improvements**



4

**Parking Climate &
Equitable Mobility
Transaction Fee**



Transportation Workplan Priorities: Decarbonization

1

Price and Reinvest for Equitable Mobility



2

Regulate Demand and Incent Options



3

Reform Key Policies and Align with Goals



4

Reallocate and Activate Rights-of-Way



5

Electrify Centers and Corridors



Transportation Workplan Priorities: Resilience





Mike Jordan, Chief Administrative Officer, Office of Management and Finance





Adena Long, Director, Portland Parks & Recreation



PARKS AND COMMUNITY SPACES

Invest in Trees

- Update the Urban Forestry Management Plan and Title 11 Tree Code
- Expand tree planting in front-line and priority neighborhoods

Prevent Wildfires through fuels management and collaboration with PF&R and agency partners at the County and State levels

Upgrade Community Centers to create energy-efficient, resilient facilities





Dawn Uchiyama, Director, Bureau of Environmental Services





Jonna Papaefthimiou, Chief Resilience Officer, Portland Bureau of Emergency Management





THE BUREAU OF **PLANNING** **& SUSTAINABILITY**

ANDRIA JACOB

Climate Policy and Program Manager
andria.jacob@portlandoregon.gov
portland.gov/bps/climate-action

VISIT US ONLINE portland.gov/bps

The City of Portland is committed to providing meaningful access. To request translation, interpretation, modifications, accommodations, or other auxiliary aids or services, contact 503-823-7700, Relay: 711.

Traducción e Interpretación | Biên Dịch và Thông Dịch | ႥႼႫႧႳ ႪႳႧႳႪႳႧႳ | 口笔译服务 |
Устный и письменный перевод | Turjumaad iyo Fasiraad | Письмовий і усний переклад |
Traducere și interpretariat | Chiaku me Awewen Kapas | 翻訳または通訳 | ການແປພາສາ ຫຼື ການ
ອະທິບາຍ | الترجمة التحريرية أو الشفهية | Portland.gov/bps/accommodation