Climate Policy and Planning in Portland, OR

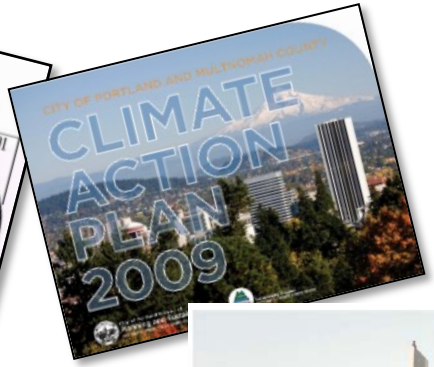
Climate Action Update
American Planning Association webinar
June 18, 2021

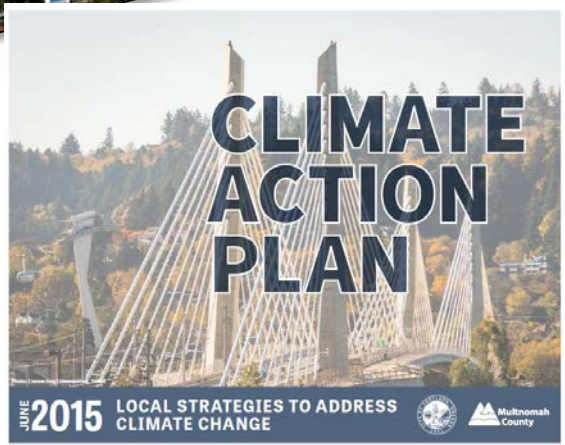
THE BUREAU OF
PLANNING &
SUSTAINABILITY

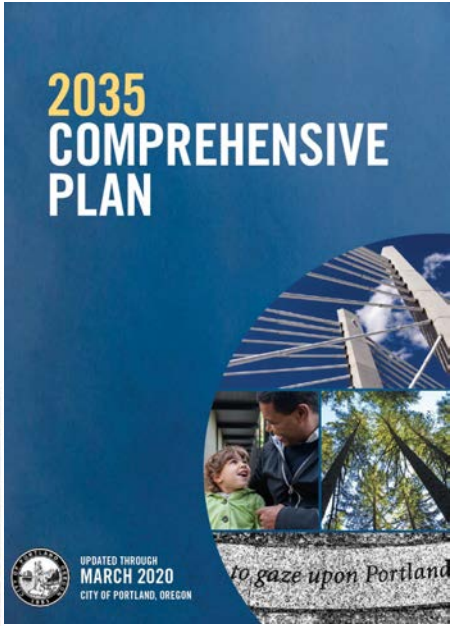
Presentation overview

- Brief history of climate planning (1993 – 2015)
- Post-2015: 100% Renewables, PCEF, Climate Emergency Declaration
- Climate and land-use intersections
  - Fossil fuel terminal zoning
  - EV-ready codes
  - Central City recovery
- What’s next?

Legacy of leadership







WE RESIST
WATER
OUR RIVER
OUR FUTURE
WATER
WE RISE
PLANET
You're the Puppet !!!
BREAK FREE FROM FOSSIL FUELS
BIGLY WASTE
NO GUE
nunity Alliance of Tena
nza Comunitaria de Inquilinos

PORTLAND CLEAN ENERGY COMMUNITY BENEFITS FUND

GUIDING PRINCIPLES

Focused on climate action with multiple benefits.

- Justice Driven
- Community-powered
- Accountable

Now, therefore be it resolved, that the Portland City Council declares that

a human-made climate emergency threatens our city, our region, our state, our nation, humanity, and the natural world, and that such an emergency calls for an immediate mobilization effort initiating greater action, resources, and collaboration that prioritizes frontline communities to restore a safe climate.

Climate Emergency Declaration
June 30, 2020 (Resolution No. 37494)

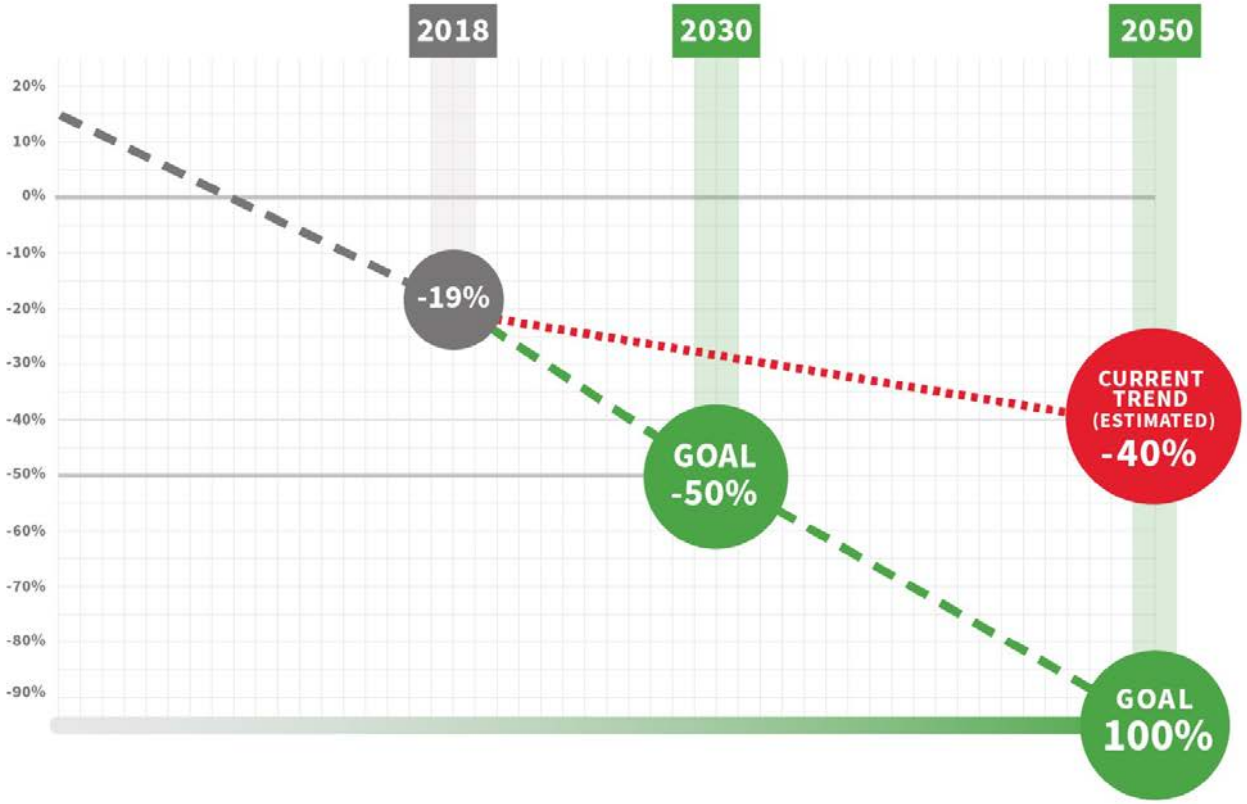
Fossil fuel terminal zoning

EV-ready housing

Central City recovery

- Traffic-free streets and activation
- Flexible land use approaches
- Food carts/micro-enterprise
- Green loop
- Complete neighborhoods
- Climate and energy
- Houseless crisis support and interventions

We are not on target



8.5
Years

Thank you

Contact

Andria Jacob
Climate Policy and Programs
andria.jacob@portlandoregon.gov
www.portland.gov/bps/climate-action

THE BUREAU OF
PLANNING & SUSTAINABILITY

Photo by adrian

City of Corvallis Climate Action

Corvallis, Oregon

- Population: 58,856 (2019 estimate)
- Home to Oregon State University
- 90 miles south of Portland

History

2015: Community members draft a Climate Action Plan.

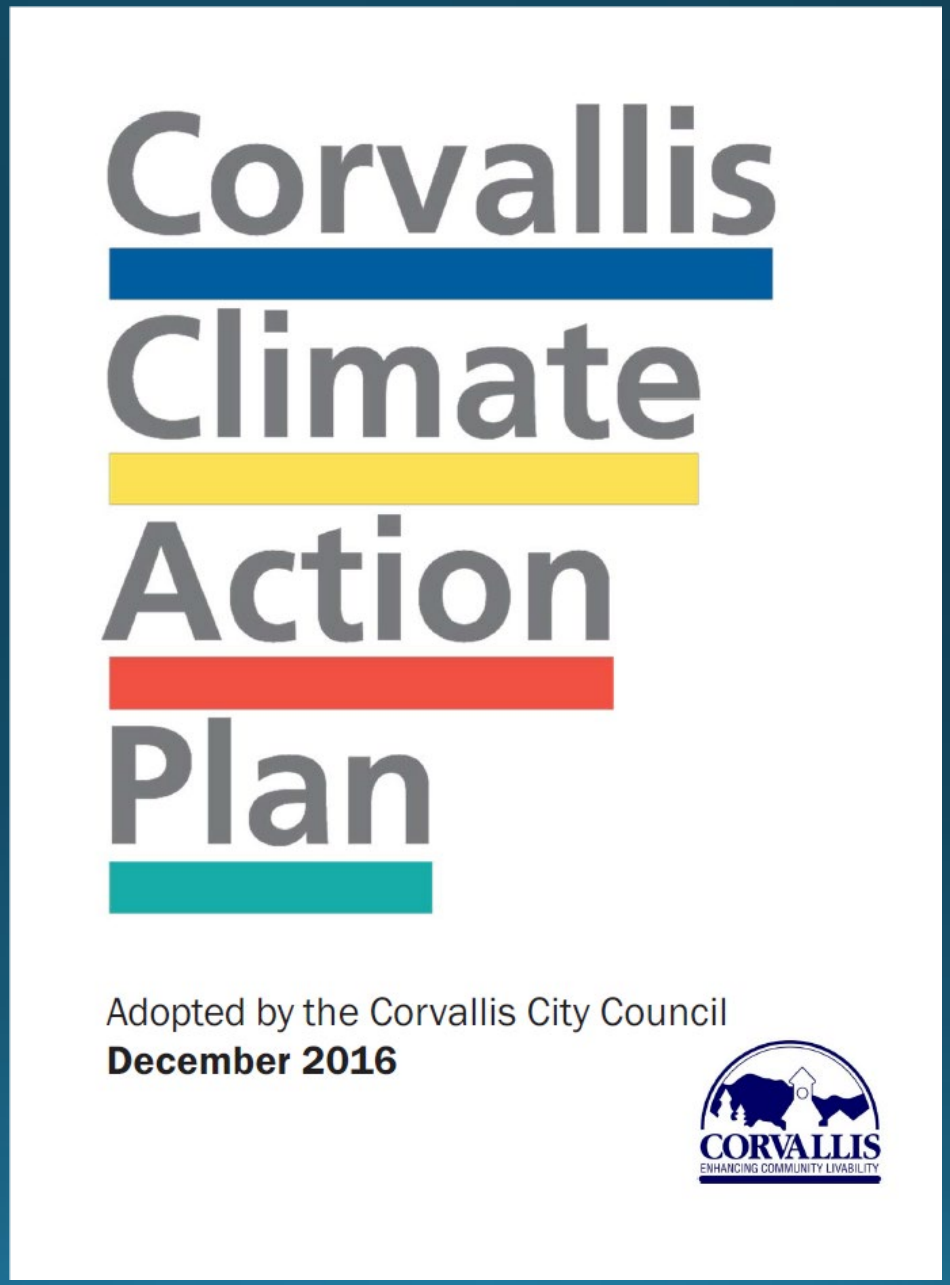
- City Council creates a task force to move the project forward
- Public Process

2016: Climate Action Plan adopted by City Council

- Community Actions
- Municipal Operations Actions
- Mitigation and Adaptation

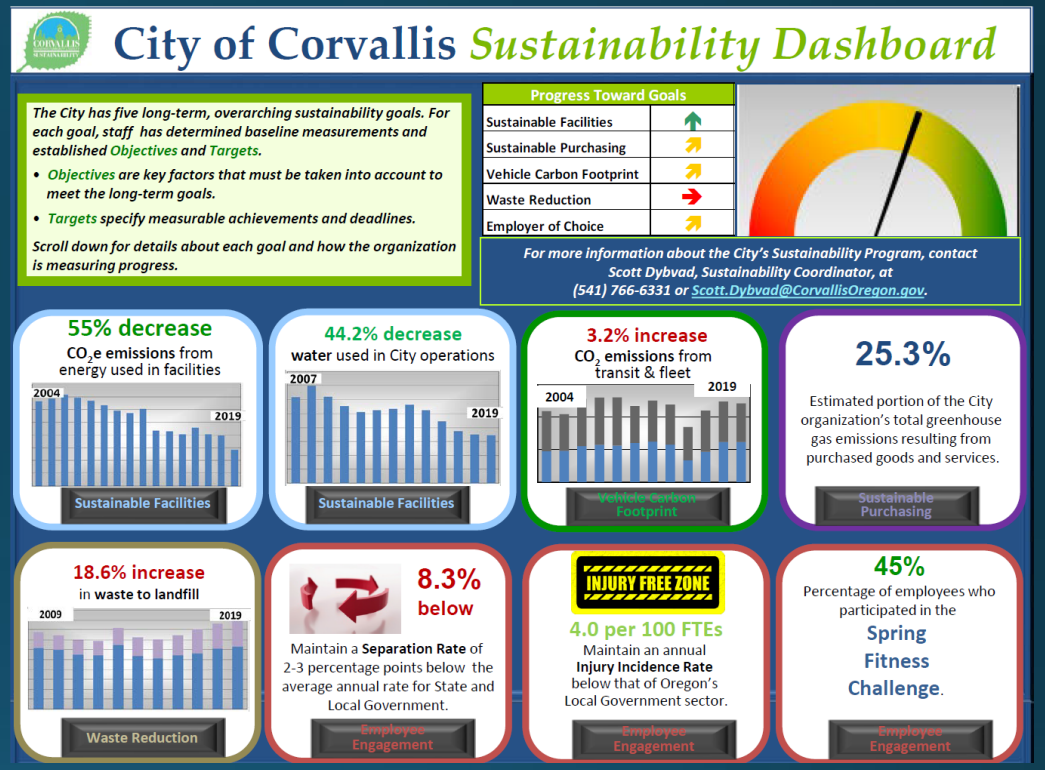
2017: Climate Action Task force recommends an implementation strategy

2018: Climate Action Advisory Board (CAAB) begins meeting



Moving Forward

- Municipal operations actions started relatively quickly
- Community actions have taken more time



Community Projects

- Where do we start?
- What tools do we have?
- What tools do we need?
  - Staff?
  - Funding?

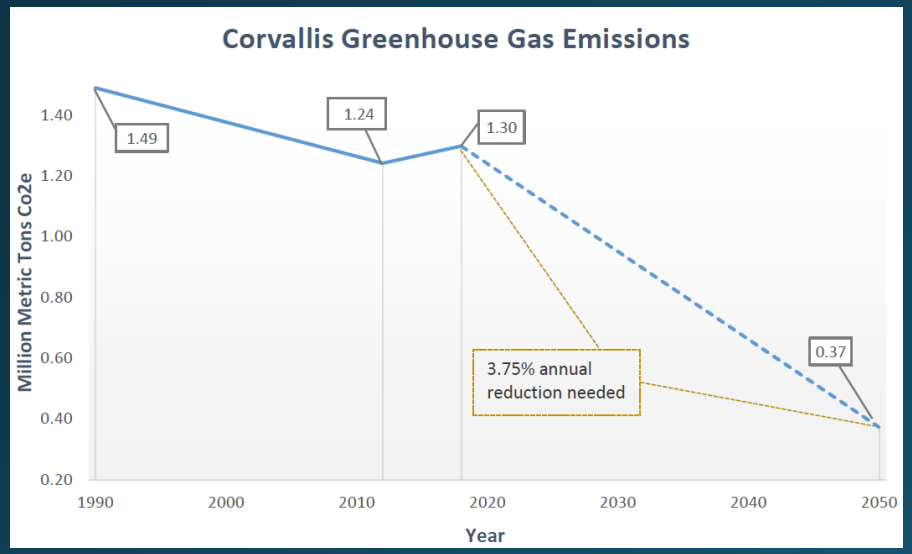
STRATEGIES AND ACTIONS
BUILDINGS & ENERGY
COMMUNITY
MITIGATION

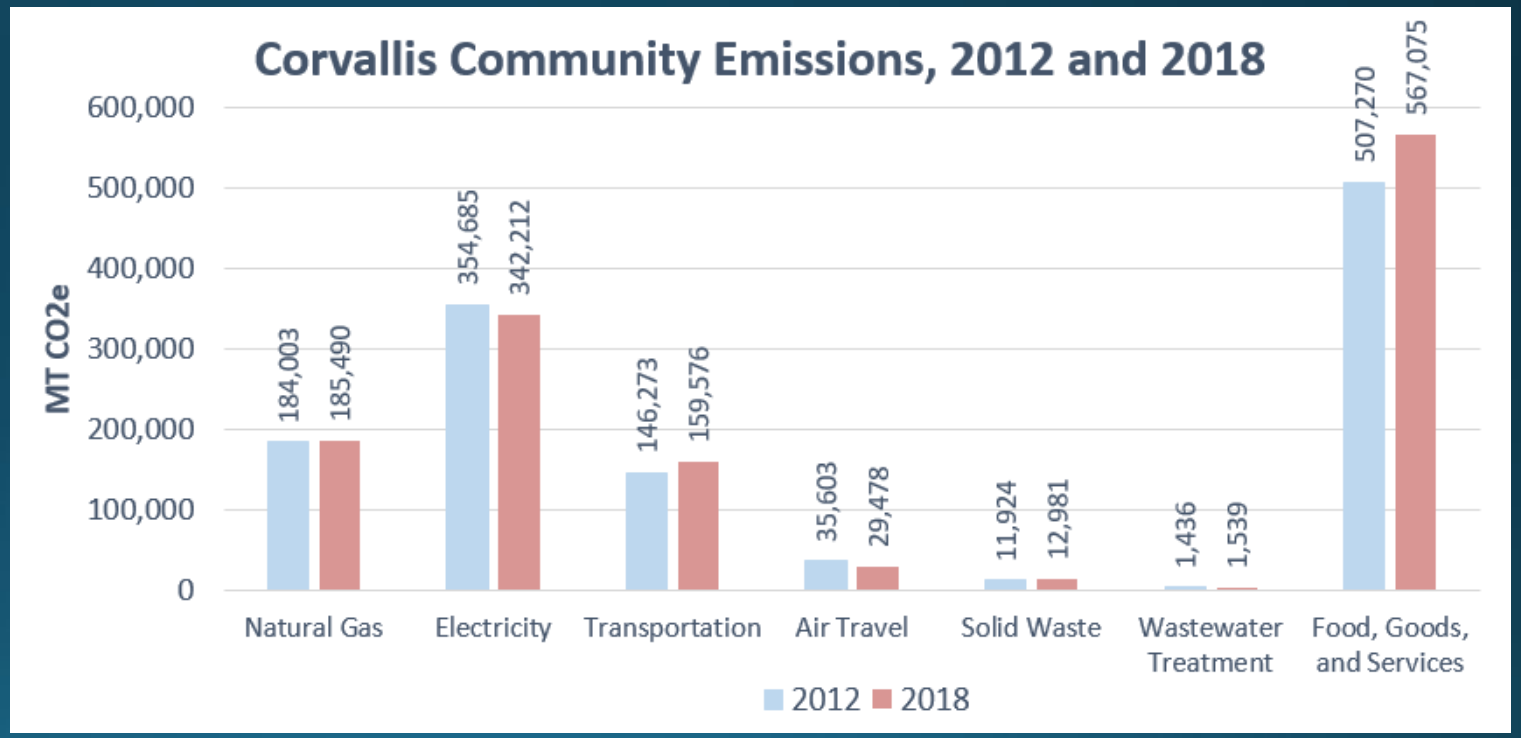
STRATEGY	ACTION
Energy Conservation, Efficiency, and Renewables	Increase deployment of energy efficiency improvements (such as weatherization, solar attic vents, daylighting, shading, insulation of foundations, fuel efficient appliances, etc.) in new and existing buildings, as well as onsite renewables for commercial and residential sectors.

Starting to get traction

- $100K funding in FY19/20 Budget
  - Climate Revolving Loan Program
  - Solar inventory of commercial buildings
  - Grant for heat pump installation
  - Bicycle wayfinding signs
- Mix of staff projects and CAAB work
- Pandemic response = discussions about how we use public space
- Home Energy Score
- E-bike incentive program
  - Grant from Pacific Power/Clean Fuels Program

Metrics (Pros and Cons)





Lessons Learned

- Plan with implementation in mind
- Layout core implementation steps at the time of plan review and adoption
- Understand your tools
- Prioritize efforts
- Figure out how ideas become "real"
- Continue to engage the community

Send me your ideas

Jerry Sorte

Economic Development Supervisor

jerry.sorte@corvallisoregon.gov

541-766-6416

EMPOWER
BENTON COUNTY

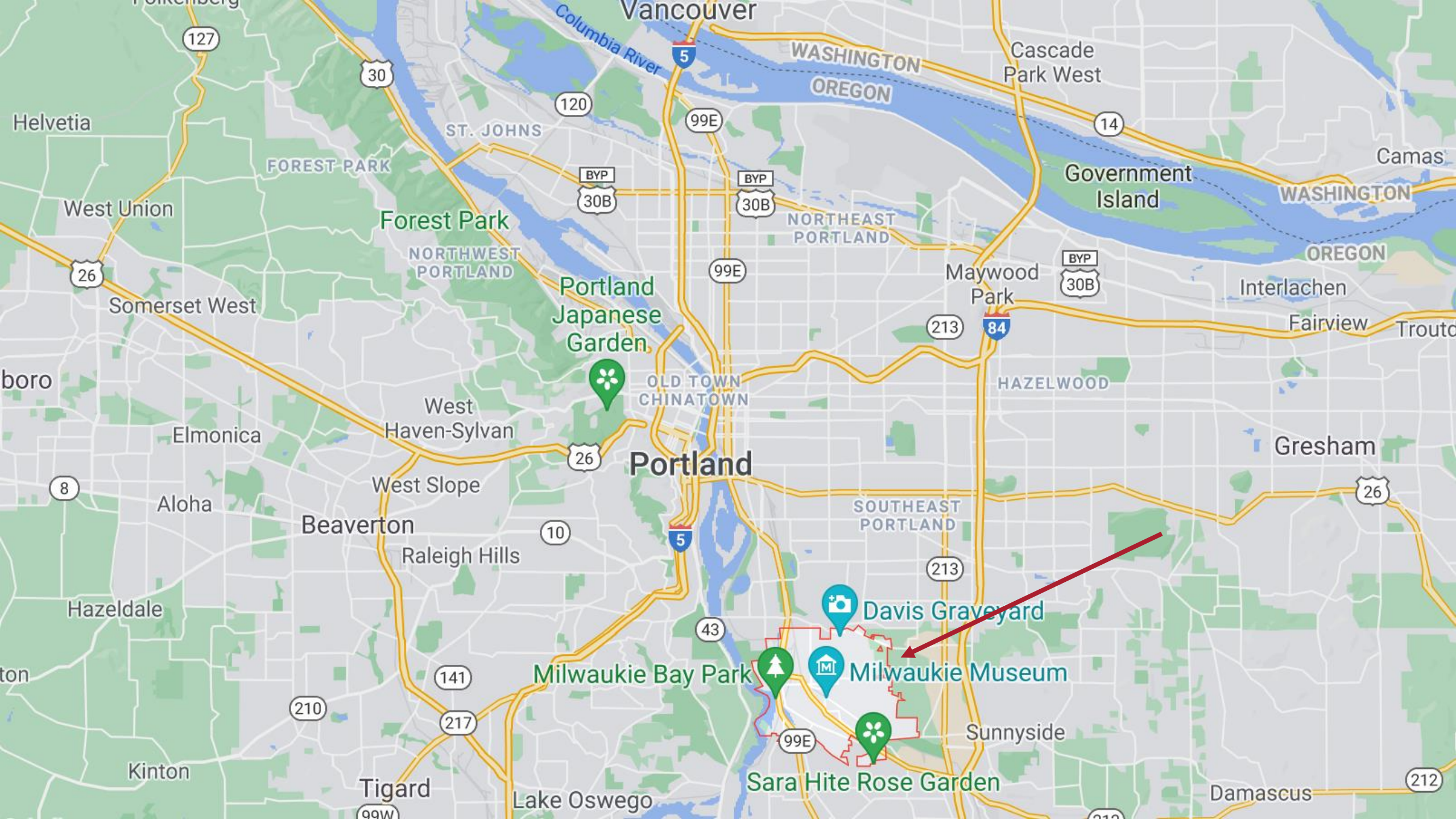
CITY OF MILWAUKIE

Milwaukie Community Climate Action Plan

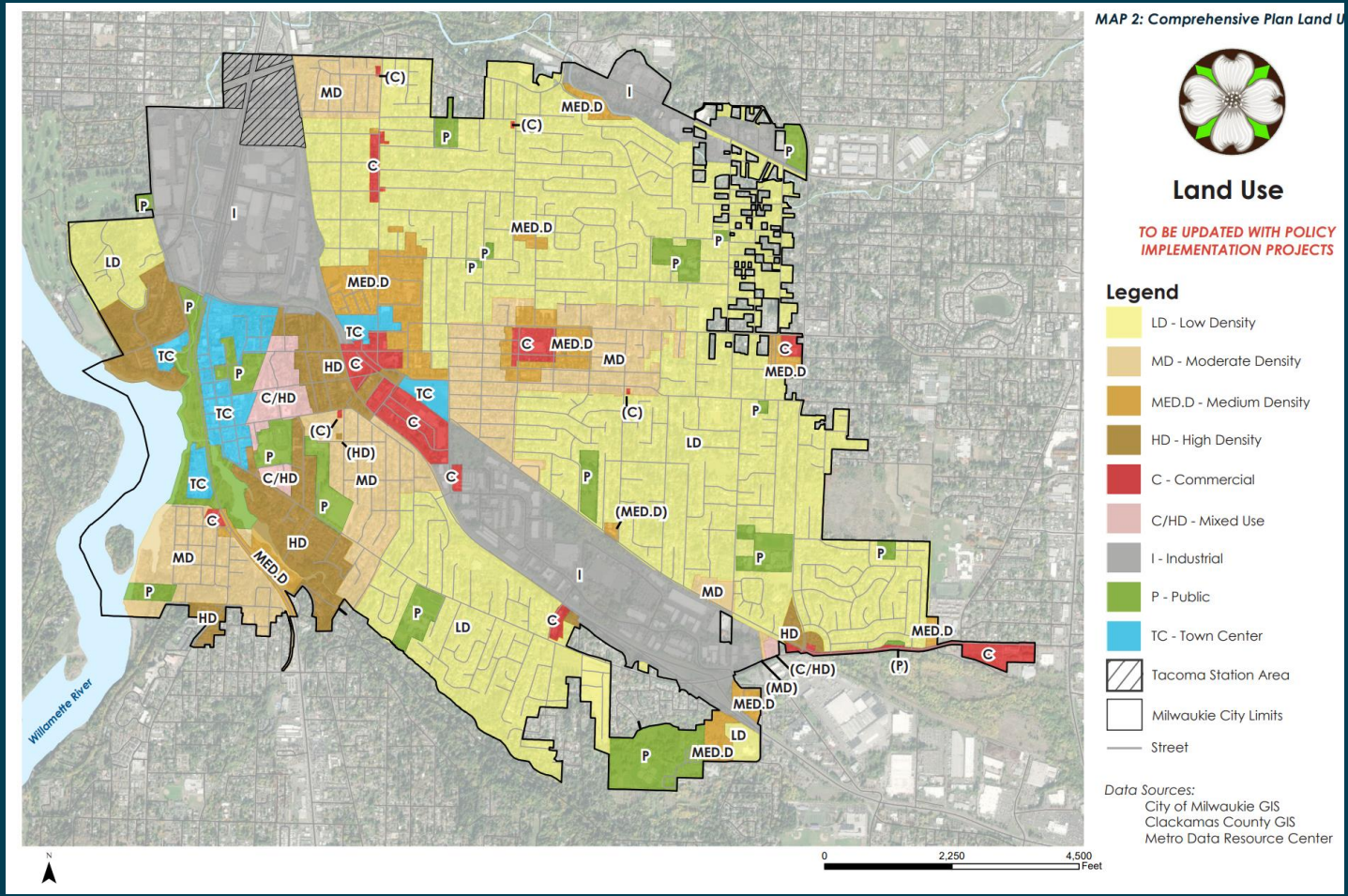
Climate in Comprehensive Planning

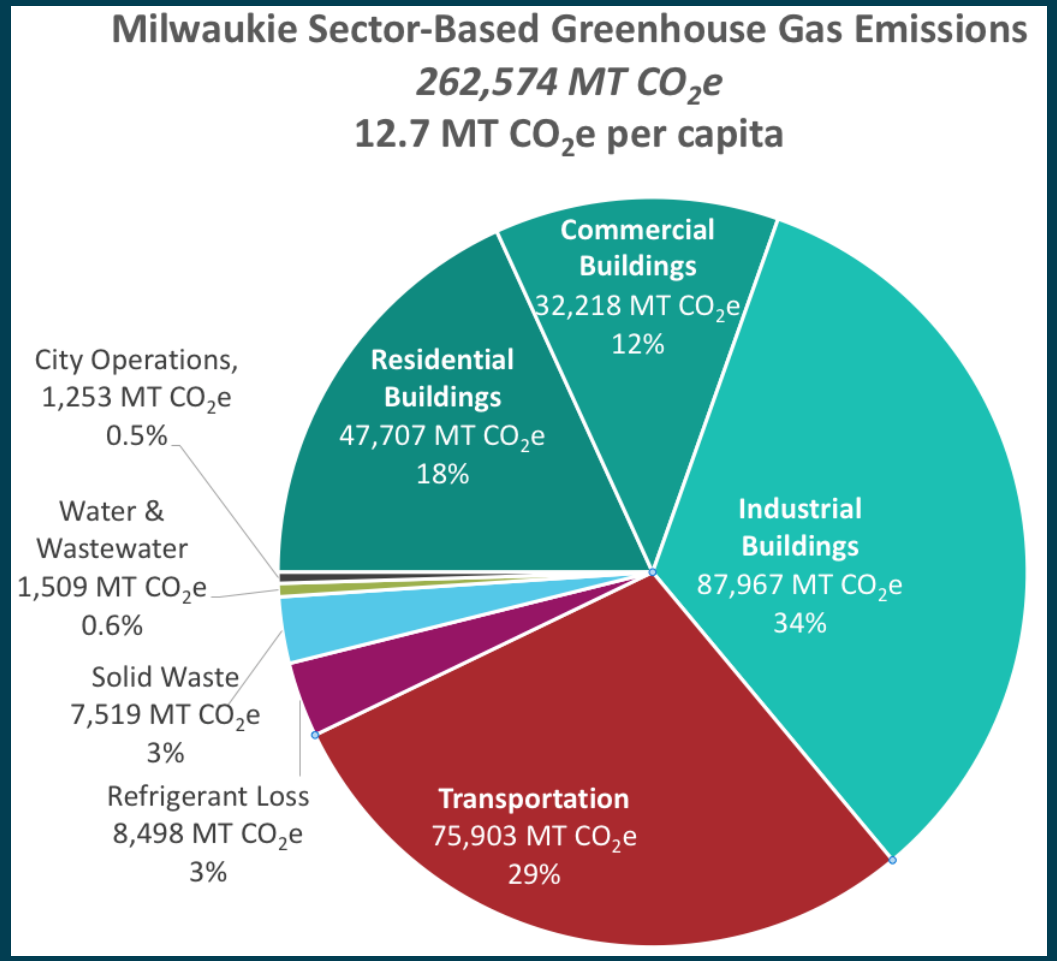
June 18th, 2021

Natalie Rogers
Climate Action and Sustainability Coordinator
RogersN@milwaukieoregon.gov


Vancouver
Columbia River
WASHINGTON
OREGON
Cascade Park West
Government Island
Camas
WASHINGTON
OREGON
Helvetia
ST. JOHNS
FOREST PARK
West Union
Forest Park
NORTHWEST PORTLAND
NORTHEAST PORTLAND
Maywood Park
Interlachen
Fairview
Troutd
Somerset West
Portland Japanese Garden
OLD TOWN CHINATOWN
HAZELWOOD
West Haven-Sylvan
Elmonica
Gresham
Portland
West Slope
Aloha
Beaverton
Raleigh Hills
SOUTHEAST PORTLAND
Hazeldale
Davis Graveyard
Milwaukie Bay Park
Milwaukie Museum
Sunnyside
Sara Hite Rose Garden
Kinton
Tigard
Lake Oswego
Damascus

How much does Milwaukie contribute?





Community engagement – by the numbers

17
CAPC members

51
Implementation partner workshop attendees

14
Spanish language focus group attendees

75
Climate Action Fair and Summit attendees

101
Valid survey responses

CAP Goals and Actions

Carbon reduction goals*

2030 — Net zero electricity
By becoming more energy efficient and using renewable electricity sources, Milwaukie's net emissions from electricity are zero.

2035 — Net zero building energy
By sourcing renewable natural gas and offsetting gas emissions, Milwaukie's net building energy emissions are zero.

2045 — Carbon neutral city
By changing our habits, switching to lower-emission fuels and offsetting emissions, Milwaukie's net CO_2 emissions are zero.

Increasing canopy cover to 40% — 2040
Expanding our urban forest from 26% to 40% by planting, protecting, and promoting healthy trees in Milwaukie

53 city-led actions

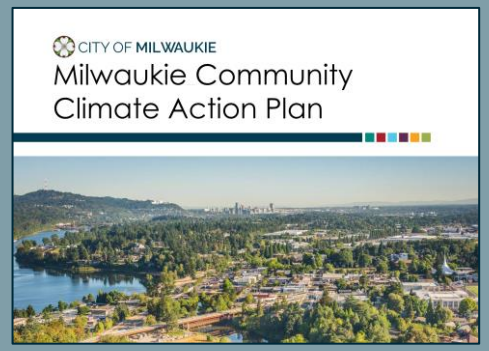
- Building energy and efficiency
- Vehicles and fuels
- Land use and transportation planning
- Materials use, purchasing and recovery
- Natural resources
- Public health and emergency preparedness

*Accelerated five years with Climate Emergency Declaration

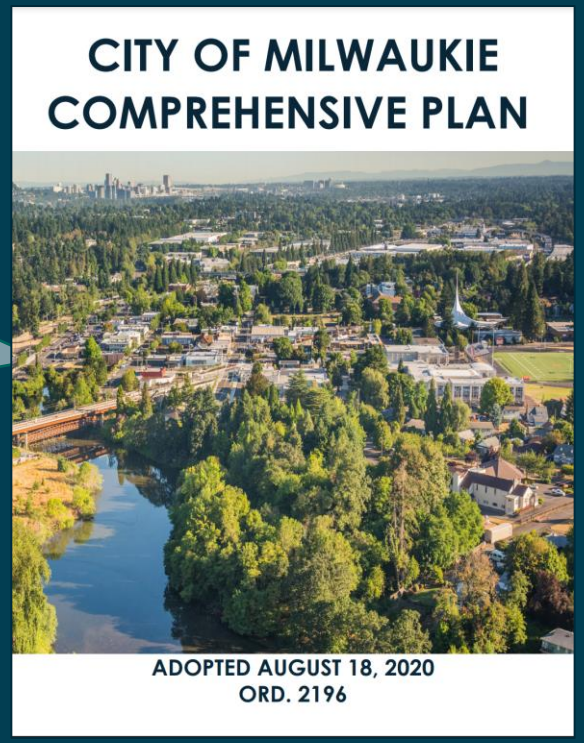
Milwaukie Comprehensive Plan

2017

2018



2019



2020

"In 2040, Milwaukie is a flourishing city that is entirely equitable, delightfully livable, and completely sustainable…. Milwaukie nurtures a verdant canopy of beneficial trees, promotes sustainable development, and is a net-zero energy city."
– Milwaukie 2040 Community Vision

STATEWIDE PLANNING GOALS ADDRESSED

- 5 NATURAL RESOURCES, SCENIC AND HISTORIC AREAS, AND OPEN SPACES
- 6 AIR, WATER AND LAND RESOURCES QUALITY
- 7 AREAS SUBJECT TO NATURAL HAZARDS
- 13 ENERGY CONSERVATION
- 15 WILLAMETTE RIVER GREENWAY

The State of Oregon has 19 total statewide planning goals. All comprehensive plans in the state must show they meet all relevant planning goals.

SECTIONS INCLUDED IN THIS CHAPTER

- 3 NATURAL RESOURCES AND ENVIRONMENTAL QUALITY
- 4 WILLAMETTE GREENWAY
- 5 NATURAL HAZARDS
- 6 CLIMATE CHANGE AND ENERGY

Climate Change and Energy Section

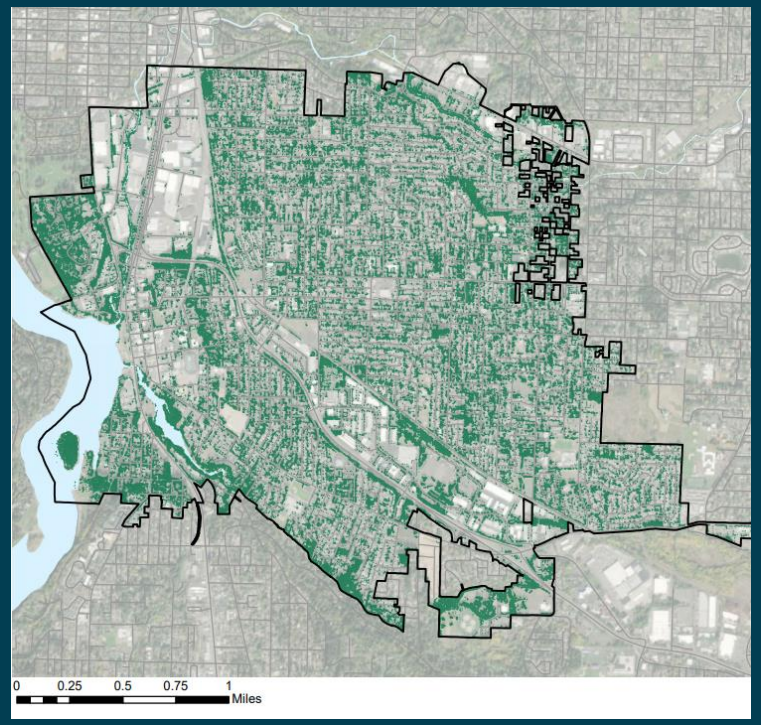
- GOAL 6.1 - BUILT ENVIRONMENT Create a **built environment that prioritizes energy efficiency and climate resiliency** and seamlessly integrates the natural environment.
  - POLICY 6.1.4 Develop standards and guidelines that contribute to a **40% citywide tree canopy**.
  - POLICY 6.1.5 Create a **more energy efficient land use pattern** that includes but is not limited to infill and cluster development, neighborhood hubs and increased density.
- GOAL 6.2 - TRANSPORTATION AND UTILITY INFRASTRUCTURE Maintain and expand Milwaukie's transportation and utility infrastructure in a manner that facilitates **greater redundancy, resiliency, energy conservation, and emissions reductions**.
- GOAL 6.3 - ADAPTION AND MITIGATION Ensure that the Milwaukie **community is informed and prepared to address a changing climate** and the need to modify historic norms and behavior.
  - POLICY 6.3.10 Consider increased population growth due to climate refugees, moving to the area to escape less hospitable climates, and identify metrics and triggers for when additional planning is needed to **address potential impacts to housing, infrastructure, and the economy.**

Comprehensive Plan Implementation *Phase I*

- Middle Housing (HB 2001)
- Address increased housing demand
- **Provide flexibility in design to limit tradeoffs**

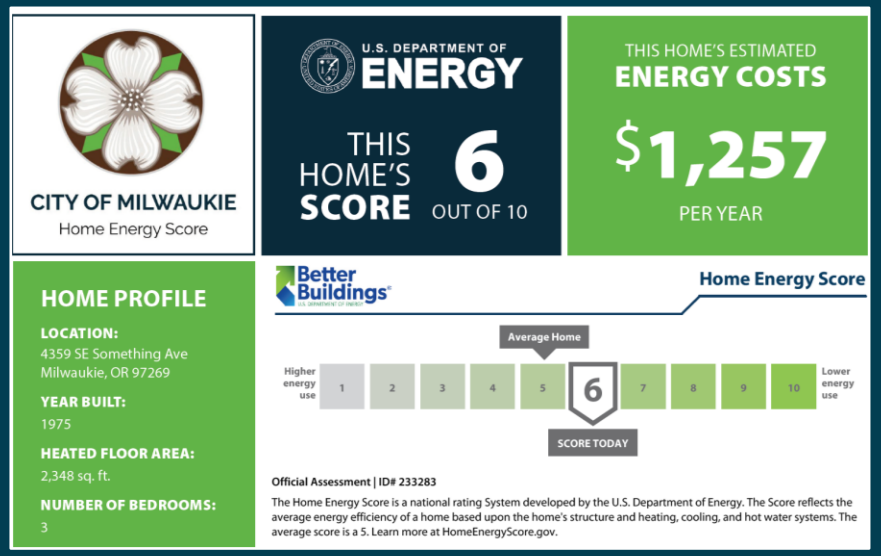
- 40% canopy goal
- 80% trees on private property
- **Private tree code emphasizing tree preservation and mitigation**

- Parking reduction action in CAP
- EV charging considerations
- Explore parking demand
- **Offer flexibility in design**



Adoption in 2021/2022

Until then….

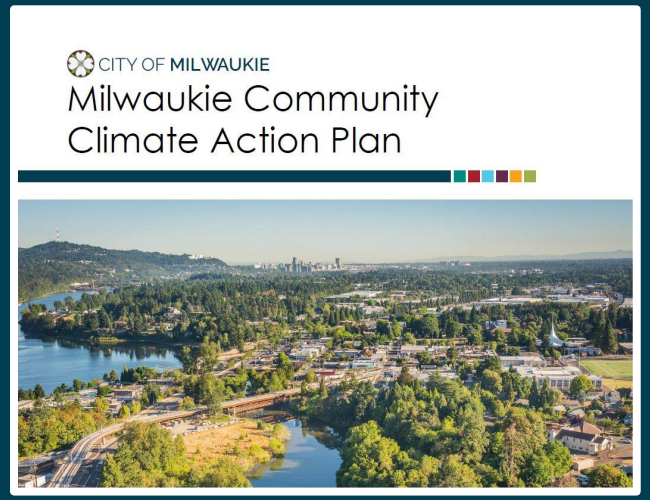

CITY OF MILWAUKIE
Home Energy Score
U.S. DEPARTMENT OF ENERGY
THIS HOME'S SCORE 6 OUT OF 10
THIS HOME'S ESTIMATED ENERGY COSTS
$1,257
PER YEAR
HOME PROFILE
LOCATION:
4359 SE Something Ave
Milwaukie, OR 97269
YEAR BUILT:
1975
HEATED FLOOR AREA:
2,348 sq. ft.
NUMBER OF BEDROOMS:
3
Better Buildings
Home Energy Score
Average Home
Higher energy use
1 2 3 4 5 6 7 8 9 10
Lower energy use
SCORE TODAY
Official Assessment | ID# 233283
The Home Energy Score is a national rating System developed by the U.S. Department of Energy. The Score reflects the average energy efficiency of a home based upon the home's structure and heating, cooling, and hot water systems. The average score is a 5. Learn more at HomeEnergyScore.gov.

PGE
PGE
FULLCLEANAHEAD

Thank you!

Natalie Rogers
503-786-7668
RogersN@milwaukieoregon.gov

Learn more at
MilwaukieClimateAction.com!



CITY OF MILWAUKIE