## Climate Action Plan Funding Alternatives

RS 7. C. 9/20/22 Presentation



## CLIMATE ACTION PLAN FUNDING FOLLOWUP CITY COUNCIL WORKSHOP

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- Discuss current program and growth opportunities
- Outreach Timeline
- Recap Fee Options
- Review and Discuss Preferred Option

## Climate goal and CAP expectations

- 2017 Vision 'Delightfully livable, entirely equitable, and completely sustainable'
- 2018 goal adopt a Climate Action Plan (CAP) and implement actions
- 53 strategic actions in CAP
  - Some actions encompass multiple programs and sub-actions
- Additional tasks for community outreach, education, and engagement
- Started with 1 FTE (climate action and sustainability coordinator) and \$50k annual budget

## Learnings from the years as a council goal...

- Dramatic increase in movement and opportunities around climate action program/policy at local, state and federal scale
- Milwaukie filled the need for a small community climate role model
- Climate overlap with existing city goals, services and projects
- Current work has reached a limit with existing resource avenue, and dedicated resources needed to continue or grow program
- Organizational efficiency in aligning environmental work at the city considering overlap of goals/strategies



# Proposed climate fee only funds the climate action and urban forest programs, staff and policy work.

Public stormwater work remain funded by utility dollars.

#### **CLIMATE ACTION**

Community actions to mitigate and sequester carbon emissions and adapt to a changing climate.

Guiding Doc: Climate Action Plan

- Sequestration of carbon
- · Reduction in urban heat island
  - Increased livability of denser climate-friendly urbanization
    - Climate adapted species selection
      - Habitat refuges for urban wildlife

#### Climate work:

- Climate lens for city operations
- Community outreach and engagement
- Community programming and projects
- Support for community-based groups
- Institutionalization of climate action

#### Watershed and ecosystem health

Climate adapted green infrastructure

- Precipitation and climate change impact modeling
- Temperature reduction strategies for UHI
  - Utility resiliency planning •
- Transportation pollutant reduction •

#### **URBAN FOREST**

Community initiative to plant, protect, and promote trees and tree-supportive habitat in Milwaukie.

#### Urban Forest work:

- Tree code and permitting
- Public tree care and maintenance
- Community outreach and engagement
- Support for community-based groups
- Tree planting opportunities

Guiding Doc: Urban Forest Management Plan

#### Surface water quality protection

Community utility affordability

Environmental regulation and reporting

- Reduction in capacity required for infrastructure through interception and infiltration of surface water
- Reduction in pollutants, water quality improvements through filtration
  - Waterway temperature reduction through canopy shading
    - Mandatory reporting metrics

#### **STORMWATER**

Planning and management of stormwater utility infrastructure and surface water regulations

#### Stormwater Work

- Annual reporting for state and federal 
  surface water regulations
- Planning, right-sizing and installation of new stormwater infrastructure
- Flood plain mitigation through surface water management
  - Green Infrastructure maintenance and repair

Guiding Doc: Stormwater Master Plan

## What could be supported with a climate fund?

- Greater climate policy, advocacy and regulatory reform
- Expanded climate, urban forest and natural resources programs administration, development, implementation and compliance
- Advancement of natural climate solutions and tree planting programs
- Assistance to homeowners, landlords and businesses to fund energy efficiency upgrades, building weatherization, electrification, transportation assets or behaviors which have emission reduction.
- Expansion of city **transportation electrification** projects and city-owned electric vehicle charging stations.
- Increased advocacy and implementations of emission reduction related regulations and building codes.
- Development of community solar and small-scale carbon-free energy projects.
- Funding and facilitation for development of energy efficiency asset improvements and/or carbon-free electricity sources for city operations
- Expanding, maintaining, and preserving the urban forest and associated natural resources within the City at higher services;
- Staff to support public education and outreach related to climate and sustainability.
- Seed money for **neighborhood-scale projects** such as microgrids and energy storage to support resilience and renewable carbon-free energy development and deployment.
- Funding for residential and commercial building electrification program development.
- Additional partnership and regional collaboration.
- Adaptation, mitigation and sequestration **existing strategies** identified in current and future city climate, urban forest, natural resources, and comprehensive plans.



## Funding Scenarios

#### \$300K Fund Goal

#### Personnel Costs - \$205k

- Climate Action and Natural Resources Manager
- 0.5 Code Compliance

## Climate Policy and Programming: <\$95k

Urban Forest staff, policy, programming and incentive funding remains primarily in Stormwater

#### \$500K Fund Goal

#### Personnel Costs - \$315k

- Climate Action and Natural Resources Manager
- Urban Forester
- 0.5 Code Compliance

## Climate + Urban Forest Policy and Programming: <\$185k

Small program expansions or 1-3 small program additions for climate and urban forest (priority dependent)

#### \$750K Fund Goal

#### Personnel Costs - \$460k

- Climate Action and Natural Resources Manager
- Urban Forester
- 0.5 Code Compliance

## Climate + Urban Forest Policy and Programming: <\$435k

- Could be used for general operational dollars, consultants, legal fees, hard costs, incentives
- Based on prioritization, could be used for permanent or temporary staff

'Business As Usual'

'Small Boost'

'Medium Boost'

- Transition of urban forest program from stormwater utility to climate fund
- Increase of city-led projects, programming and incentives for climate + urban forest

## What could Milwaukie get with a medium boost?

#### Staff Resources

- Climate and Natural Resources Manager
- Urban Forester
- Seasonals/Interns/Consultant Assistance (priority dependent)
- 0.5 Code Compliance Officer

#### Climate Programs

- More frequent formal reporting and updates to plans
- Energy modelling/auditing and Strategic Energy Management (SEM)
- HES for Renters, HES + weatherization low-income assistance expansion
- Outreach and Education for behavior, electrification
- Building Electrification Programming + Incentives
- Legal Assistance for energy policy
- Transportation programs and/or incentives

#### Urban Forest Programs

- Outreach and education expansion
- Community stewardship/volunteering programs
- Heritage tree programs
- Green jobs training/tree care trainings for youth/community/BIPOC partnerships
- Continued policy development for commercial lands
- Barrier analysis and engagement for tree planting/ownership
- Formalized tree planting program (property and restoration opportunities)
- GIS system support (Tree inventory, tracking, strategic planning, outreach)
- Existing canopy and gap analysis
- Greenspace programming for habitat, private lands





## Climate Fund Timeline

#### 9/20 Council Session

- Fee structure
- Funding opportunities

#### Outreach

- 1. Community awareness of ongoing discussion
- 2. What programs or services would the community want?
- Materials creation
- Schedulina

#### **Pilot Article**

- General info
- Survey heads-up

#### Stakeholder groups

- CUAB
- Business/Industry

#### Survey (Res/Business)

- Postcard
- Engage Milwaukie
- Social media
- Arbor Day

#### Pilot Article

Upcoming public comment

#### **Utility Bill Stuffer**

All customers

Survey (cont. if needed)

Outreach Engage Milwaukie

#### 11/22 Council Session

Adoption?

#### **Pilot Article**

- Survey results
- Adoption/ effective date

#### **Utility Bill Stuffer**

All customers

#### **TBD Council Session**

Adoption?

Fee change mailer

#### Climate Fee **Implementation**

Jan 1 2023

#### **Pilot Article**

Adoption / effective date

#### Progress Metric **Utility Bill Stuffer** Establishment

If adopted...

SEPTEMBER '22

**OCTOBER '22** 

**NOVEMBER '22** 

**DECEMBER '22** 

**JANUARY** 2023

SPRING 2023

Climate Fee Report

2023 Work Plan



## Recap Funding Alternatives

Charge based on **Utility Services** (per water account)

Charge based on **Business License** and FTEs

Charge based on Transportation Impacts

Charge based on Transportation Impacts (excluding SFR)

#### **Preferred Option**

Charge based on estimated Green House Gas Emissions; with assessments based on transportation impacts

Charge based on **Utility Service** (water meter size)

Charge based on Utility Service Fee (water consumption)



## Charge based on estimated Green House Gas Emissions

## Monthly Charge Based on Estimated GHG Impacts (Using Surface Streets Maintenance Program Billing Data)

Revenue Target (annual):	\$300,000	\$500,000	\$750,000
Monthly Charge			
Residential (per dwelling unit):	\$1.28	\$2.13	\$3.20
Multi-family Resid (per dwelling unit):	\$0.96	\$1.60	\$2.40
Services (per SSMP unit):	\$0.24	\$0.40	\$0.60
Retail (per SSMP unit):	\$0.13	\$0.21	\$0.32
Industrial (per SSMP unit):	\$2.99	\$4.99	\$7.48

## Questions for Council

What target fund revenue is Council wanting to choose?

\$300k \$500k \$750k 'Business As Usual' 'Small Boost' 'Medium Boost'

 Is council still wanting the GHG fee option using SSMP billing unit data?

## Thank you! Questions?

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