

# Southeastern Wisconsin **Regional Planning Commission**



## **Climate Pollution Reduction Grant (Implementation)**

January 29<sup>th</sup>, 2024



- City of Milwaukee adopted Climate and Equity Plan in June, 2023
- EPA Climate Pollution Reduction Grant is two phase program: Planning Grant → Implementation Grants
- SEWRPC is doing 4-County regional plan; State of Wisconsin is doing statewide plan.
- SEWRPC is on track to complete required Preliminary Climate Action Plan (PCAP) by March 1
- City of Milwaukee ECO to take lead on regional implementation grant in partnership with this team



# ●●●●● Plan Requirements

Components	PCAP	CCAP
GHG Inventory	✓	✓
GHG Emissions Projections	X	✓
GHG Reduction Targets	X	✓
Qualified GHG Reduction Measures	✓	✓
Benefits Analysis	✓	✓
Low-income and Disadvantaged Communities Benefits Analysis	✓	✓
Review of Authority to Implement	✓	✓
Intersection with other Funding Availability	✓	✓
Workforce Planning Analysis	✓	✓

- ✓ Required
- ✓ Encouraged
- X Not Required



# ●●●●● EPA CPRG Implementation Grants

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- \$4.3 billion in competitive grants in one solicitation
- More information here: [www.epa.gov/inflation-reduction-act/cprg-implementation-grants](https://www.epa.gov/inflation-reduction-act/cprg-implementation-grants)
- Eligible entities: state, municipality, tribe or tribal consortium, territory, and coalition of eligible applicants
  - If coalition, all eligible participating applicants must sign a Memorandum of Agreement



- Informal Notice of Intent due: February 1, 2024
- Application packages due: April 1, 2024



# Community Engagement

- ECO and SEWRPC held on Dec 6 to review preliminary implementation grant ideas
- Survey sent out and responses recorded
- Wauwatosa Mayor McBride initiated a discussion with Milwaukee ICC on shared sustainability staff
- CPRG Plan for regional collaboration reviewed with Milwaukee's leadership and Climate Advisory Board



# Grant Ranges and Awards

- EPA anticipates awarding 30 to 115 grants, ranging from \$2 million to \$500 million
- Expect to apply within Tiers D and E

Tier	Grant Ranges	Funds Targeted for Each Tier	Anticipated Number of Grants to be Awarded
Tier A	\$200,000,000 – \$500,000,000	\$2 billion	4 - 10
Tier B	\$100,000,000 – \$199,999,999	\$1.3 billion	6 - 13
Tier C	\$50,000,000 – \$99,999,999	\$0.6 billion	6 - 12
Tier D	\$10,000,000 – \$49,999,999	\$0.3 billion	6 - 30
Tier E	\$2,000,000 – \$9,999,999	\$0.1 billion	10 - 50



# ●●●●● EPA Program Objectives

- Implement ambitious measures that will achieve significant cumulative greenhouse gas (GHG) reductions by 2030 and beyond
- Achieve substantial community benefits (such as reduction of criteria and hazardous air pollutants), particularly in low-income and disadvantaged communities
- Complement other funding sources to maximize these GHG reductions and community benefits
- Pursue innovative policies and programs that are replicable and can be “scaled up” across multiple jurisdictions



# ●●●●● Relationship to PCAP

- Applications must seek funding to implement measures that are included in a PCAP submitted to EPA by March 1, 2024
  - Applicant must be within the Milwaukee MSA
- During PCAP development, lead organizations must coordinate and collaborate with other eligible entities on priority measures
- Goal to provide draft PCAP for the Milwaukee MSA in January 2024







## GHG Reduction Measure Examples from EPA

- Programs to increase the share of electric light-, medium-, and heavy-duty vehicles, and to expand EV charging infrastructure (transportation sector)
- Installation of renewable energy and energy storage systems on municipal facilities (electric power sector)
- Adoption and implementation of the most up-to-date building energy codes or stretch codes for new commercial and residential buildings (buildings sector)
- Implementation of a building energy performance management program for government-owned buildings (buildings sector)





# Milwaukee Climate and Equity Plan

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1. Green Jobs Accelerator
2. Healthy Homes Energy Upgrades
3. New Net-Zero Energy Homes
4. Commercial Building Energy Benchmarking + Building Performance Standard
5. People-Centered Transportation and Urban design
6. Electrify Transportation
7. Greening the Electric Grid
8. Protect and Restore Nature in the City
9. Waste Reduction and Sustainable Consumption
10. Resilience Ambassadors





## ➤ Ozaukee County's Milwaukee River Watershed – Clean Farm Families

"Technical and financial assistance to property owners to implement soil health practices for the reduction of nonpoint source pollution that improves soil health and water quality".



WASHINGTON COUNTY BIKEWAY  
& TRAIL NETWORK PLAN

## ➤ Washington County Bikeway&Trail Plan

"The Plan focuses on creating trails and routes that provide accessibility to essential services, such as schools, commercial centers and major employment centers as well as creating a trail network that provides varied recreational opportunities that are enjoyable for all residents".



## ➤ Waukesha County Sustainability Plan

"To guide the sustainability of the county's internal operations and facilities in four core areas: buildings, ground and site management, transportation and fleet, and workplace".





## ➤ Village of Bayside – Green Plan

Implement Sustainably Resilient, environmentally-friendly green initiatives in six focus areas: building, Village operations and procedures, infrastructure, community, regulation and communication.



## ➤ City of Wauwatosa – Clean Energy and Green Infrastructure

- Resolution adoption to reduce municipal emissions and achieve municipal and community carbon neutrality by 2050.
- Green alley construction to reduce rainfall runoff, clean and recharge groundwater and alleviate flooding concerns.



## ➤ City of West Allis – Sustainable Site Design and Construction Practices

Encourage "Green" Residential Development Encourage "green" practices for the construction and rehabilitation of housing within the City, including practices that promote energy conservation, the use of sustainable materials, improved air quality, and stormwater management.



- Eight bus rapid transit or light rail corridors
- A system of off-street bicycle paths be provided between urbanized areas and the cities and villages within the Region
- Complete street concepts be considered as part of the reconstruction of existing surface arterial roadways and the construction of new surface arterial roadways
- Transit-oriented development (TOD) in areas surrounding rapid transit and commuter rail stations recommended under the transportation component of VISION 2050
- Provide neighborhood parks in developing residential areas





## ➤ Buildings

- New, net zero energy homes built using advanced construction techniques for infill development
- Regional commercial building decarbonization initiative+ energy policy
- Public-sector building efficiency and solar

## ➤ Transportation

- Regional Public EV Charging network
- Protected Bike lanes and regional off street bicycle network
- Electric and clean fuel vehicles for municipal fleets

## ➤ Greening the Grid

- 100% renewable energy plan for municipal operations + push We Energies retirement of coal plants (as a stand alone project or in conjunction with building decarbonization above)

## ➤ NOT Recommended: Residential retrofits or grab-bag approach



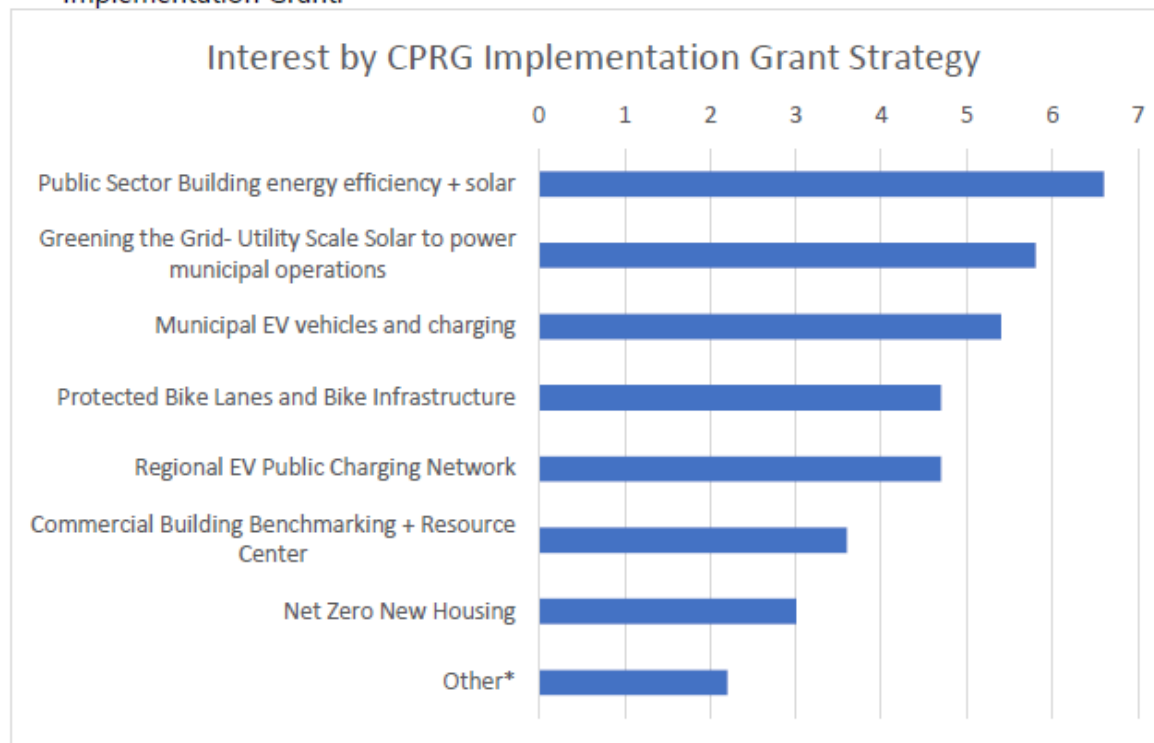


# Dec 6 Survey results

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## Climate Pollution Reduction Implementation Grant Milwaukee MSA Coordinating Workgroup – Summary Survey Responses

1. Please rank the following strategies based on your interest in pursuing them through the CPRG Implementation Grant.



*\*Support planning and deployment of low-emission transit infrastructure and vehicles (e.g., hybrid diesels or battery-electric buses). 'Greening the Grid' strategy should establish affordable (or even free) community solar program for SE Wisconsin residents and businesses, not just municipalities.*

*Note: The choice with the highest average score is most preferred*





# Shared Sustainability Staff + Project

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- Application will include local government sustainability staff  
(Rule of thumb: one person can serve no more than 4 communities)



- project funding, such as a Commercial Building Resource Center or some combination of projects in slides to follow







# Idea 1: Regional commercial building decarbonization initiative+ energy policy

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- Phased-in energy standards later in decade
- State building energy code
- Regional call-center and support team to support building owners with benchmarking, training, info on energy tax credits, etc.
- Longer term: Pass local ordinances to require large commercial buildings to annually benchmark and report their energy use





## Idea 2: Public-Sector Building Efficiency and Solar



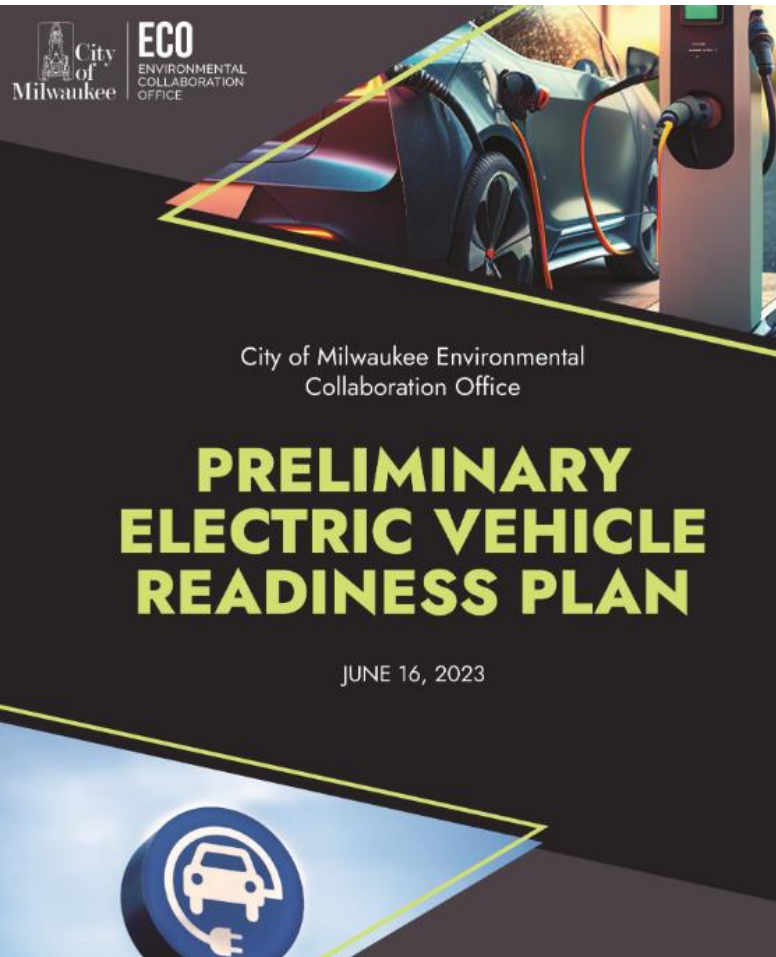
- Funding for public building energy efficiency and solar
- Can be coupled with energy saving performance contracts and other federal tax credits
- May not be a compelling narrative by itself, but underfunded need in many communities





# Idea 3: Regional Public EV Charging network

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- Develop a regional electric vehicle charging network
- City of Milwaukee EV Preliminary Plan completed and federal grant proposal pending ([Milwaukee.gov/EV](https://milwaukee.gov/EV))
- P3 partnership envisioned with private sector designing, building, operating and financing network with public subsidy and public policy objectives
- Expand to region and develop other regional model EV policies





## Idea 4: Electric and clean fuel vehicles for municipal fleets



- Milwaukee County's rapid transit line is now open on Wisconsin Avenue
- 27<sup>th</sup> St. BRT is under development
- Could include programs to increase electric light-, medium-, and heavy-duty vehicles
- Could expand electric vehicle charging infrastructure







## Idea 5: Greening the Grid

- Work with We Energies to build utility-scale solar
- The City already negotiated a “Renewable Pathways Program” with We Energies, where cities can elect to work with We Energies to build large scale solar to meet city climate goals
- Marginal “on-bill” charge to pay for it over time; City keeps “renewable energy credits





# Discussion and Next Steps

- ECO trying to secure a grant-writer
- Confirm your community for inclusion on Letter of Intent
- Think about what kind of “skin in the game” you can offer for this effort
- Schedule next meeting



# Thank You

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