



Climate action in Twin Cities Region

Climate Pollution Reduction Grant (CPRG)



February 2024 - metro council.org

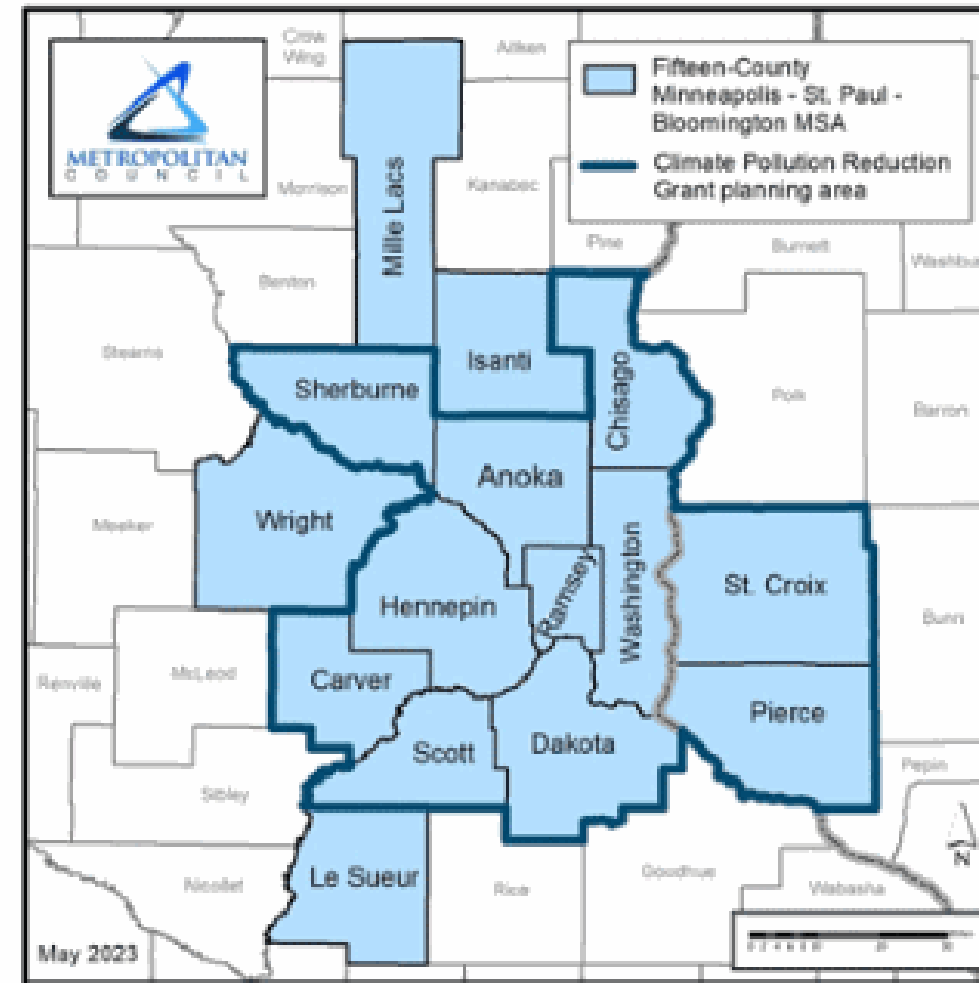
Climate Pollution Reduction Grant

The EPA is funding climate change solutions.

Grants are awarded in two phases: planning and implementation.

In July 2023, the EPA awarded the Met Council a \$1 million planning grant.

In partnership with local governments and regional stakeholders in 11 of 15 counties in the greater Twin Cities metropolitan area, we seek to identify strategies and collaborate on solutions.



Climate Pollution Reduction Grants

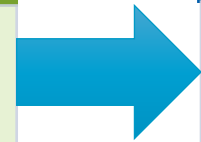
Phase 1

Priority Climate Action Plan (PCAP) – Due March 1, 2024

- Preliminary Greenhouse Gas (GHG) Emissions Inventory
- **GHG Reduction Measures**
- Low income/disadvantaged communities (LIDAC) analysis
- Authority to implement

Comprehensive Climate Action Plan (CCAP) – Due Summer/Fall 2025

- Complete and updated GHG emission inventories
- GHG emission projections
- Identify near and long term GHG emissions



Phase 2

Implementation Grants- Due April 1, 2024

~\$4.5 billion in competitive grant money

Eligible entities:

- Lead CPRG organizations
- Executive branch-level agencies/departments
- Municipalities
- Tribes and tribal consortia
- Coalitions of above groups

Implementation grants **MUST** reference GHG reduction measures in PCAP

Implementation grants

Considerations for applying for implementation grant

- Implementation grants must reference reduction measures in the regional PCAP
- Grants must explicitly describe benefits to LIDACs
- Grants require short- and long-term emission reduction estimates
- Coalition grants are encouraged
 - Overlapping measures between grants will not be funded
- Grants range from \$2 million to \$500 million (funded in tiers)
- [Find more information on the EPA's website here](#)

Priority Climate Action Plan

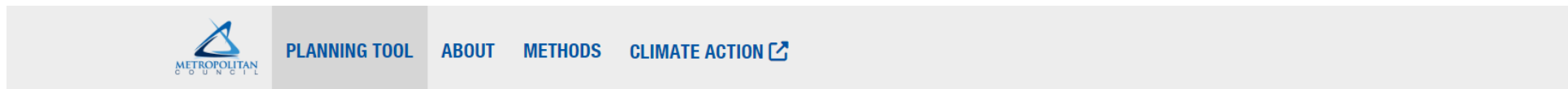


Elements

- Eligible entities in the 11-county region can apply for implementation grants referencing Met Council's PCAP, which:
 - guides eligible applicants as to which reduction measures are a priority for the region.
 - describes near-term, high-priority, implementation-ready measures to reduce climate pollution in Twin Cities Region.

GHG Strategy Planning Tool

Reduction measures are primarily based on regional climate engagement from past climate work by the Met Council



Greenhouse Gas Strategy Planning Tool

This tool allows users to explore greenhouse gas reduction strategies and estimate potential impact for a chosen city or township in the Twin Cities region.

Select a city or township: Blaine

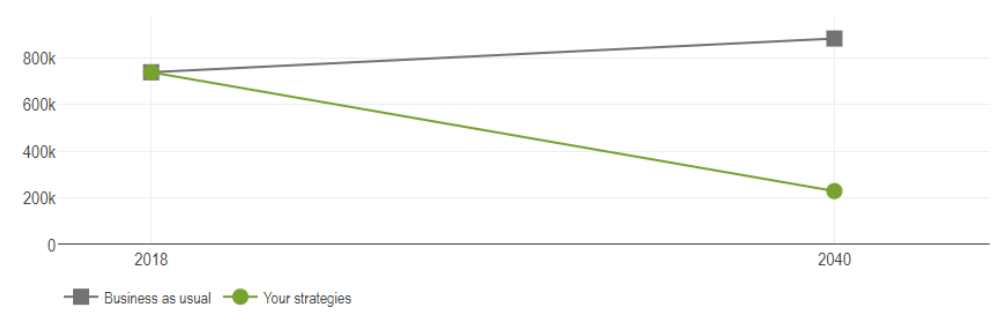
Select a strategy method:
 Use strategy bundles
 Customize strategies

SUBMIT

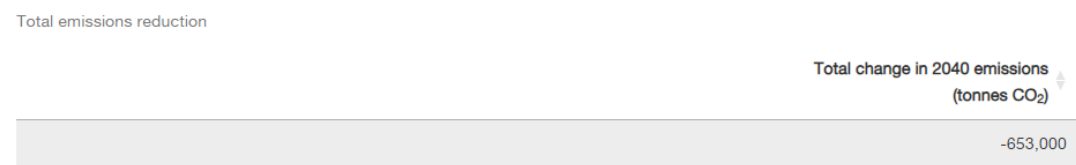
- Clean Energy Supply
 - 100% decarbonized grid
- Energy Efficient Technology
 - 100% of new homes built to LEED-Gold equivalent energy efficiency
 - 100% of residential buildings use smart technology
- Sequestering Carbon
 - 100% of agricultural land uses no-till cultivation
 - Tree planting rate per capita and hectare matches LA Million-Tree goal
- Conservation and Sustainable Behavior
 - 60% of residential and non-residential buildings retrofitted to increase energy efficiency
 - 50% of workers teleworking
 - \$20 per hour parking fee
 - \$0.01 per mile road pricing
 - Increase transit service by 30%

Total emissions change Sources of emissions change Your strategy summary

Blaine total emissions (tonnes CO₂)



Business as usual (BAU) projects status quo 2040 emissions based on current population growth, employment change, housing stock, floor area, land use, and travel demand forecasts, taking into account existing conditions such as planned land use changes from cities' comprehensive plans.



Proposed reduction measures by sector

Building Energy Sector

- Retrofit residential and commercial buildings
- Energy efficient new homes
- Clean electricity
- Increase multifamily housing stock

Transportation Sector

- Increase electric vehicle market share
- Accelerate transition to low- and no-carbon medium/heavy duty vehicles and equipment
- Increase public transportation options
- Promote telework
- Encourage reduction of vehicle miles traveled

Land Use Sector

- Increase population density
- Increase employment density

Conservation and Carbon Stock Sector

- Climate-smart agriculture
- Local and urban agriculture
- Urban tree planting and maintenance
- Natural land restoration and protection

Waste Sector

- Promote waste prevention reduction and recycling
- Efficient wastewater management

Justice 40

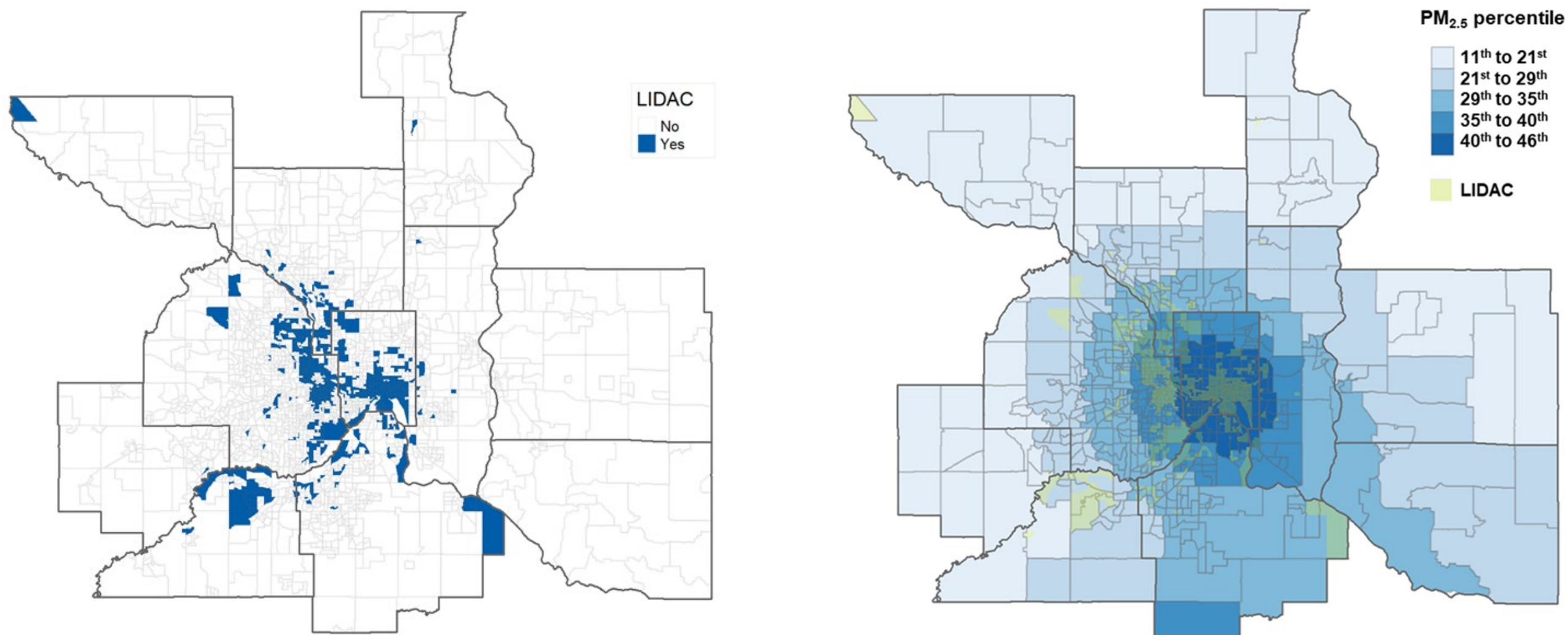


40% of climate benefits to disadvantaged communities

- LIDACs are identified in Climate and Economic Justice Screening Tool.
- Executive order requires measures to benefit disadvantaged communities
- Reduction measures need to explain how LIDACs will benefit

Low income and disadvantaged communities (LIDAC)

LIDACs bear a disproportionate burden of climate pollution



Maps showing distribution of LIDACs in region and LIDACs overlain on fine particulate matter air pollution

We want to hear from you!



Please provide feedback by Wednesday, Feb. 21

Examples of feedback include:

- Additional GHG reduction measure is needed in PCAP to cover eligible entity's implementation grant application
- Modifications to accelerate GHG emission reductions or eliminate potential barriers
- Propose changes that will better target LIDACs and avoid potentially harmful climate actions

<https://metro council.org/Planning/Climate/Climate-Pollution-Reduction-Grant.aspx>

Proposed implementation grants



State – MSA coalition grant

Equitable residential decarbonization

- Decarbonization combines weatherization, efficiency, and electrification for Minnesotans in many different settings.
- Targeted programs that center equity are required to avoid leaving some Minnesotans behind.
- Large-scale, highly-distributed work involving community groups, advocacy groups, local governments and Tribal government

Proposed implementation grants



Met Council - City of St. Paul – District Energy St. Paul Wastewater thermal recapture

- The proposed project would be to recover wasted thermal energy from Met Council wastewater system.
- Gains approximately 60MW of clean, carbon free thermal energy for integration into existing hot water district energy
- Project would reduce emissions and co-pollutants in energy sector.

Questions?



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