Overview of Climate Pollution Reduction Grant

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Inflation Reduction Act

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Climate Pollution Reduction Grants

The Climate Pollution Reduction Grants (CPRG) program provides $5 billion in grants to states, local governments, tribes, and territories to develop and implement ambitious plans for reducing greenhouse gas emissions and other harmful air pollution. Authorized under Section 60114 of the Inflation Reduction Act, this two-phase program provides $250 million for noncompetitive planning grants, and approximately $4.6 billion for competitive implementation grants.

CLIMATE POLLUTION REDUCTION GRANTS
U.S. Environmental Protection Agency

Announcements

On September 20, 2023, EPA announced two competitions for $4.6 billion in implementation grants under the Climate Pollution Reduction Grants program. Visit the CPRG implementation grants webpage for more information and for the latest Questions and Answers about the competitions.

For the latest on CPRG planning grant award status and recipients, click here: CPRG Planning Grant Award Status (pdf)

https://www.epa.gov/inflation-reduction-act/climate-pollution-reduction-grants

Overview of Climate Pollution Reduction Grant

EPA is emphasizing

- Carbon emissions reduction, achieve Net Zero
- Co-Pollutants reduction – Criteria and Hazardous Air Pollutants
- Job Creation and Lowering Energy Burden
- Justice 40 Goals

Full Coverage

- Metropolitan Statistical Areas (STL, Chicago, KC)
- MO and IL Statewide Plans

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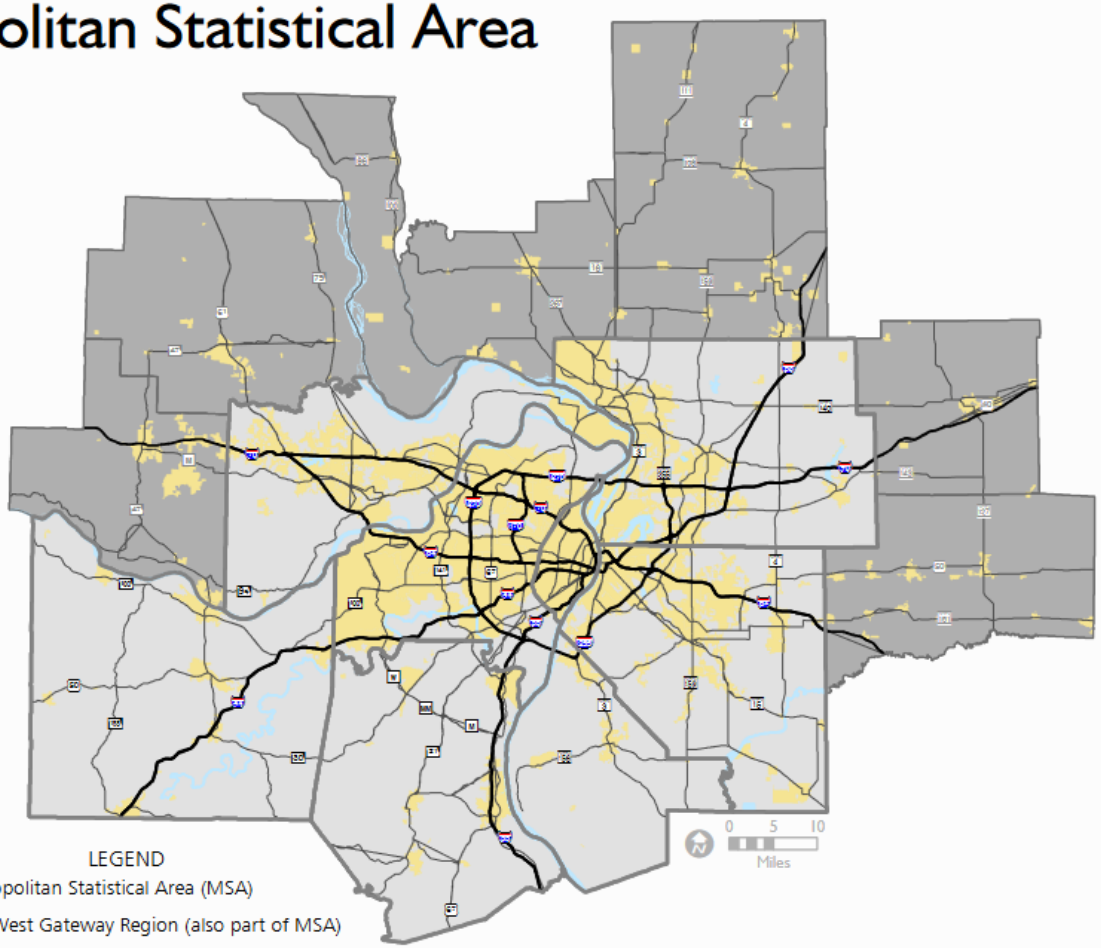
East-West Gateway Council of Governments in the St. Louis Metropolitan Statistical Area

April 2017

AREA OF COUNTIES IN THE ST. LOUIS MSA (Sq. Mi.)

Bond County, IL	380
Calhoun County, IL	254
Clinton County, IL	474
Franklin County, MO	923
Jefferson County, MO	657
Jersey County, IL	369
Lincoln County, MO	627
Macoupin County, IL	863
Madison County, IL	716
Monroe County, IL	385
St. Charles County, MO	560
St. Clair County, IL	658
St. Louis City, MO	62
St. Louis County, MO	508
Warren County, MO	429
East-West Gateway Region	**4,469 sq. mi.**
Population	2.60 million
St. Louis MSA	**7,865 sq. mi.**
Population	2.78 million



LEGEND

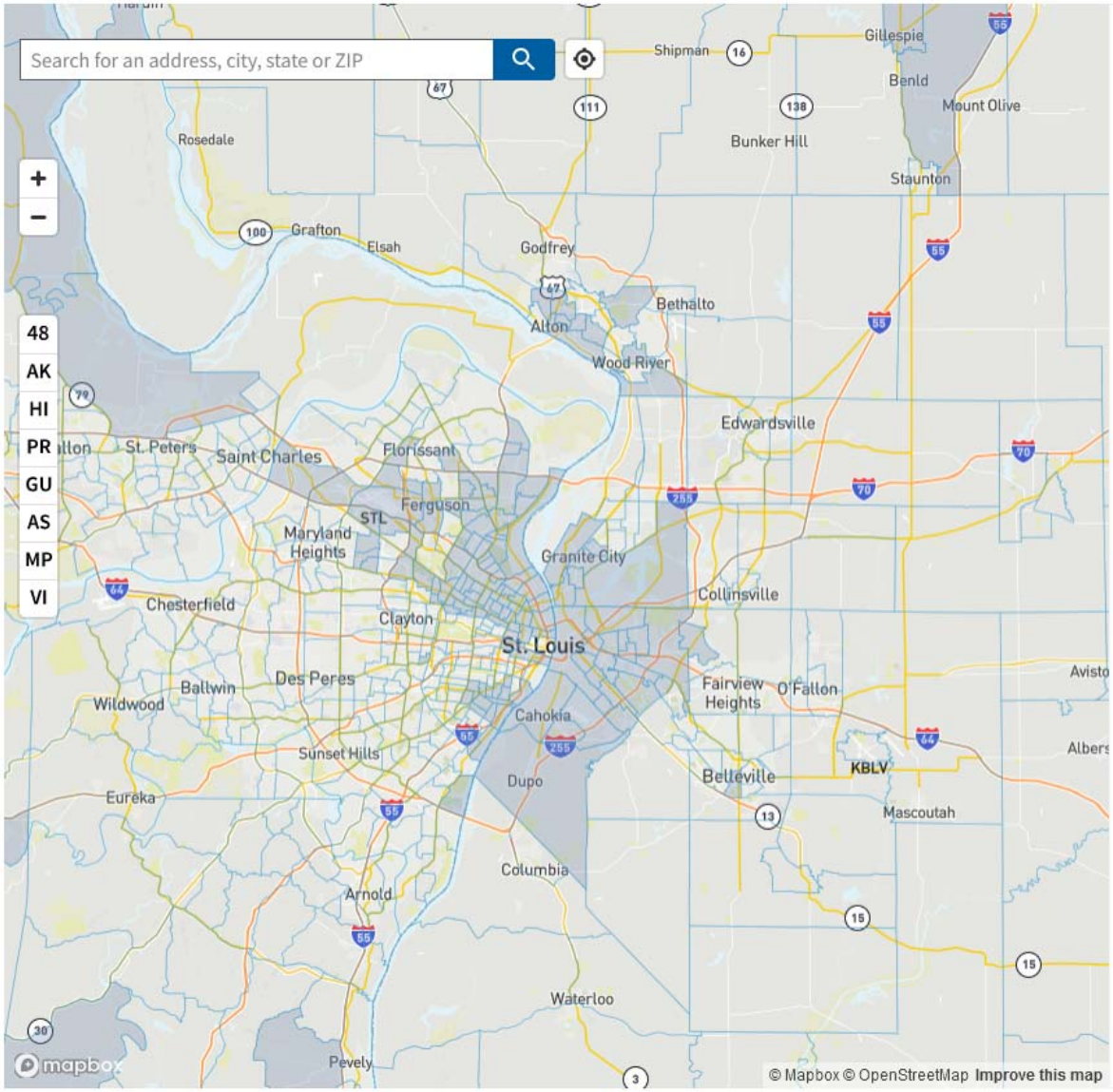
- Metropolitan Statistical Area (MSA)
- East-West Gateway Region (also part of MSA)
- Incorporated Areas
- Interstate Highways
- Other Major Roads
- River / Lake

Sources: US Census Bureau;
East-West Gateway Council of Governments

EAST-WEST GATEWAY
Council of Governments

Climate and Economic Justice Screening Tool (CEJST)

"Low Income/ Disadvantage Communities" (LIDAC)



How to use the map:

Zoom in +, search, or locate yourself and select to see information about any census tract.

Things to know:

The tool uses census tracts. Census tracts are a small unit of geography. They generally have populations of between 1,200 - 8,000 people.

Communities that are disadvantaged live in tracts that experience burdens. These tracts are highlighted on the map.

The tool ranks most of the burdens using percentiles. Percentiles show how much burden each tract experiences when compared to other tracts.

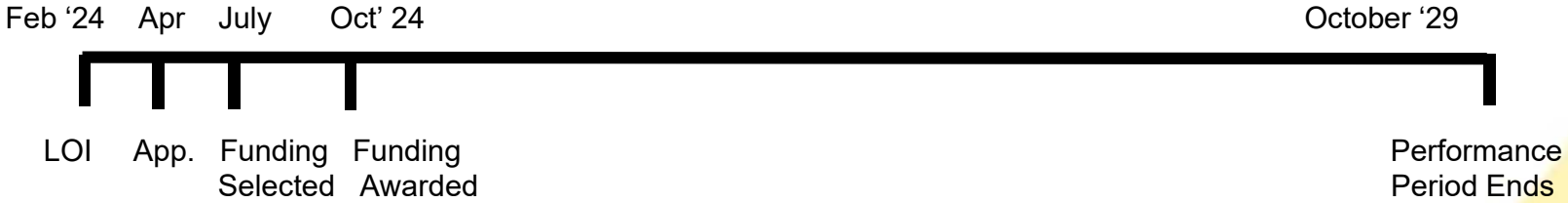
Thresholds, or cutoffs, are used to determine if communities in a tract are disadvantaged. Certain burdens use percentages or a simple yes/no ✓.

Overview of Climate Pollution Reduction Grant

Two Phases – Planning and Implementation

Planning Phase

Implementation Phase



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Planning Phase

PCAP "Priority Climate Action Plan"

- ID major GHG Sector emissions
- Carbon emissions reduction estimates
- Regional Coordination for Implementation Grant competitiveness

CCAP "Comprehensive Climate Action Plan"

- New inventory and reduction estimates, include all sectors of emissions
- LIDAC, Community, and Workforce Analyses

Status Report

- Monitor Implementation
- Adjust Analyses and Emissions Projections

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Planning Phase

Priority Climate Action Plan

- Review and update 2015 Greenhouse Gas Inventory
- Stakeholder Interviews (government and non-profit)
- Identify priority (a.k.a. ready) projects/measures
- Identify collaborative opportunities

Comprehensive Climate Action Plan

- Presented as an Update to OneSTL
- Multi-faceted Engagement Plan
- Collaborative LIDAC Engagement
- Updated OneSTL.org website
- Incorporate Scenario Planning

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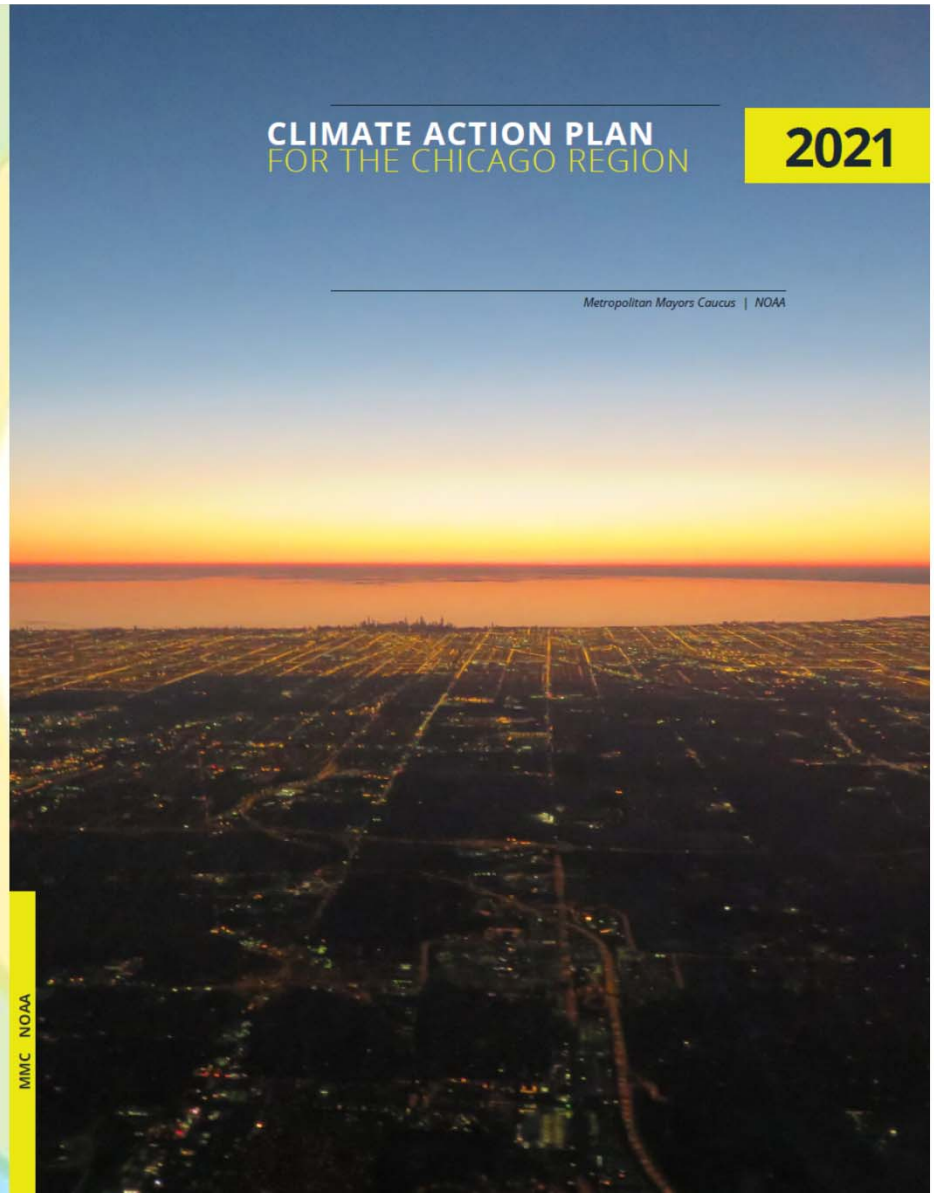


DECARBONIZE **TRANSPORTATION**

Vehicles used for transportation and freight are a major source of emissions in the region. Switching to electric vehicles (EVs) and improving fuel efficiency reduces these emissions significantly. Converting high-mileage transit and fleet vehicles to cleaner EVs can drive market demand for EVs and accelerate broad adoption in other vehicle markets. New networks of accessible EV charging infrastructure must support this expansion.

LEAD

- Create accessible and reliable networks of electric vehicle chargers
- Transition fleets to low- and zero-emission vehicles

ENCOURAGE

- Support strong national fuel efficiency standards
- Encourage other public and private fleet operators to switch to low- and zero-emission vehicles
- Encourage residents to transition to electric vehicles through policies and infrastructure investment

ENACT

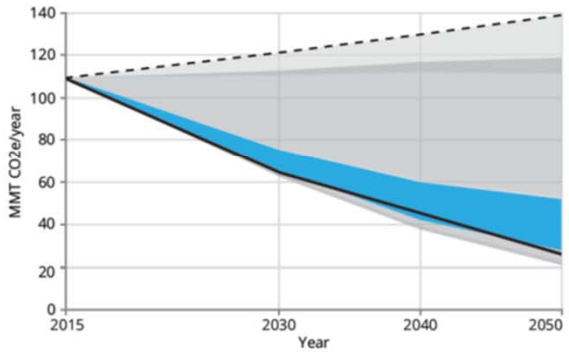
- Enact and enforce anti-idling policies
- Adapt development processes to accelerate investment in EV charging infrastructure

EQUITY CONSIDERATIONS

- Support access to clean transportation for all
- Invest in EV charging for multi-family dwellings
- Reduce health impacts from tailpipe emissions
- Reduce long-term fuel costs

OUTCOMES & CO-BENEFITS

- Reduce tailpipe emissions and pollution
- Clean, quiet transit and service vehicles
- Reduce fuel cost over the long-term
- Reduce soft costs of installing EV charging
- Accelerate private investment in EVs and EV charging infrastructure
- Build safe and effective EV charging networks
- Create clean energy jobs



Decarbonize Transportation reduction targets (MMT CO2e)

2030	**9.8**
2040	**17.7**
2050	**24.0**

--- Business As Usual
— Target

MARC
MID-AMERICA REGIONAL COUNCIL

CLIMATE ACTION KC

Regional CLIMATE ACTION PLAN

Creating equitable and just climate resilience in the Kansas City region

2021

MID-AMERICA REGIONAL COUNCIL x CLIMATE ACTION KC

CR-1.2: Conserve and restore the region's riparian (or streamside) corridors

Mitigation | Adaptation

Many area jurisdictions adopted stream protection ordinances about 10-15 years ago. While these policies restricted development along streamways (thereby reducing risk to public safety, property and infrastructure), they are not sufficient to mitigate against increased risks of flooding or to enhance ecosystem health along area streams.

Restoring streamside or riparian habitat enables communities to stack multiple benefits from a single investment.

The restoration of connected riparian habitat, according to a recent Kansas State University study, is one of the most important measures to reduce peak flows during storm events while reducing risks of stream channel erosion.

Additional benefits provide for recreation, public health, habitat and biodiversity, and improved air and water quality.

Potential to reduce GHG	Status/Time frame	Scale
High	Underway	Neighborhood, Local Government, Regional, State, and/or Federal

Partners

Public works/planning/parks/stormwater directors, University of Missouri Center for Agroforestry, The Nature Conservancy, The Conservation Fund, Heartland Conservation Alliance, Bridging The Gap

Equity considerations/opportunities

Multi-benefit stream restoration opportunities can mitigate climate risks in vulnerable communities while building community wealth through jobs and business creation.

Examples

- Stream Corridor Protection and Adaptive Management Manual
- Riparian buffers – National Center for Agroforestry

Action
Develop a pilot interjurisdictional stream/riparian corridor management plan.
Create a project pipeline linked to voluntary carbon offsets to expedite project implementation.
Support use of agroforestry strategies to link food security with natural resource stewardship.

Implementation Phase

- ID Entities with Capacity to be applicant
- Connect Partners for Greatest Impact

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

Implementation Phase

Priority Climate Action Plan – Initial Focus Areas

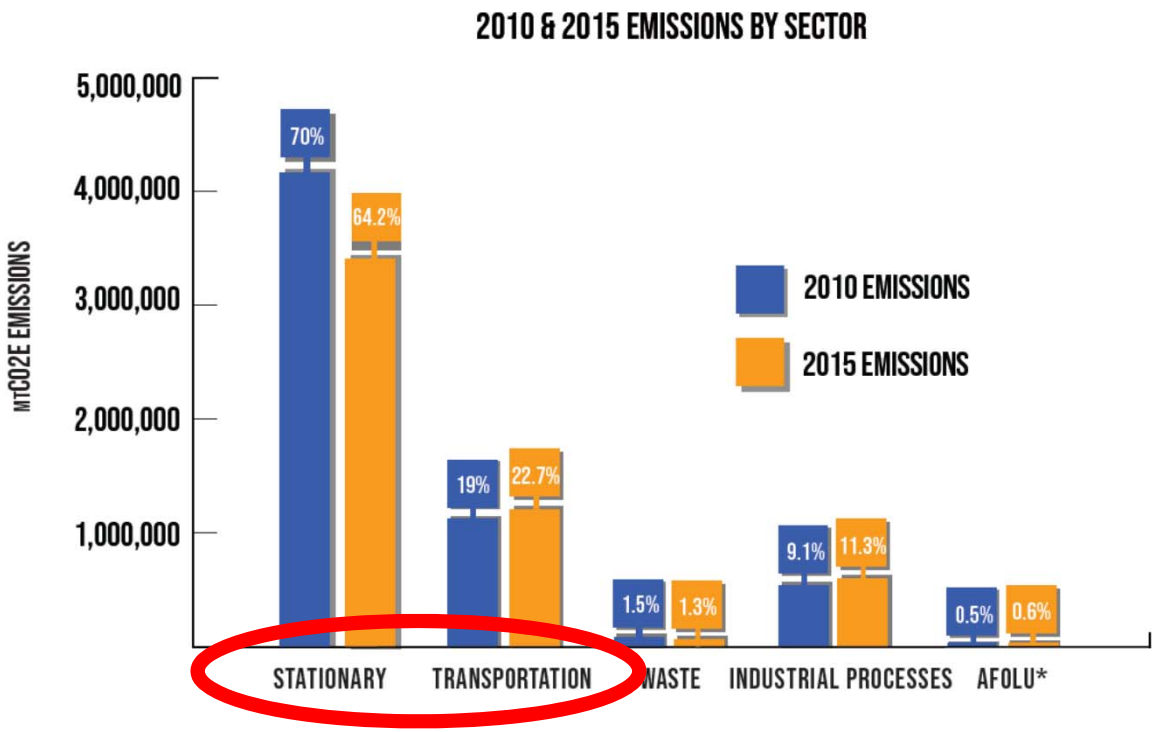


*Figure 1: Bar chart comparing 2010 and 2015 St. Louis regional emissions by sector. *AFOLU stands for Agriculture, Forestry, and Other Land Use. The percentages included are the percentage of total emissions for the respective year.*

Sequestration

- Tree Canopy Improvement
- Habitat/Floodplain Restoration
- Soil/Ag Practices

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Implementation Phase

Emerging Project Areas

- Large-Scale Tree and Floodplain Restoration Projects
- Building Efficiency Updates and Weatherization
- Multi-Modal and Micro Transportation
  - Trails, Mobility Hubs
- Fleet Electrification and Charging Infrastructure
- Zoning and Building Code Updates, Benchmarking

- A multi-jurisdictional, collaborative application will be most competitive

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Implementation Phase

EPA recently released a Notice of Funding Opportunity (NOFO) announcing a competition for $4.3 billion under the Climate Pollution Reduction Grants (CPRG) to fund projects that reduce greenhouse gas emissions. Eligible applicants include states, municipalities, tribes, and territories. Eligible projects must be included in a Priority Climate Action Plan. East-West Gateway Council of Governments will be completing the Priority Climate Action Plan for the St. Louis Metropolitan Statistical Area. If you are interested in this funding opportunity and would like your project to be included in the Priority Climate Action Plan for the St. Louis Metropolitan Statistical Area, complete this application or contact East-West Gateway (314-421-4220/618-274-2750) by **November 30, 2023.**

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Questions

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