



# **Advancing Local Resilience: Explore Opportunities to Leverage CDBG-DR Funds**

**Thursday, May 9, 2024  
1:15 p.m.–2:15 p.m. CDT**

**2024 CDBG-DR Problem Solving Clinic  
May 7-9, 2024 | St. Louis, MO**

# Presenters



**Andrea Spillars**

She/Her  
FEMA



**Diana Searl**

She/Her  
The Cloudburst Group



**Jared Genova**

He/Him  
The Cloudburst Group

# Learning Objectives

- Attendees will become familiar with the Inflation Reduction Act (IRA) and Bipartisan Infrastructure Law (BIL) opportunities and programs.
- Attendees will learn about FEMA's Community Disaster Resilience Zones (CDRZ).
- Attendees will understand key considerations for how to pair disaster recovery funding with IRA and BIL programs.
- Attendees will gain tools to navigate open and upcoming funding.

# Agenda

- New federal funding overview and context
- Place-based designations
  - Justice40 Initiative
  - FEMA Community Disaster Resilience Zones
- HUD and CDBG-DR resilience connections
- IRA and BIL program snapshots
- Leveraging and stacking considerations
- Reducing administrative burden takeaways



A photograph of the St. Louis Gateway Arch and the city skyline, framed within a white, irregular hexagonal shape. The arch is a large, white, catenary-shaped structure. The skyline includes various skyscrapers and a flagpole with the American flag. The foreground shows a green field and some trees.

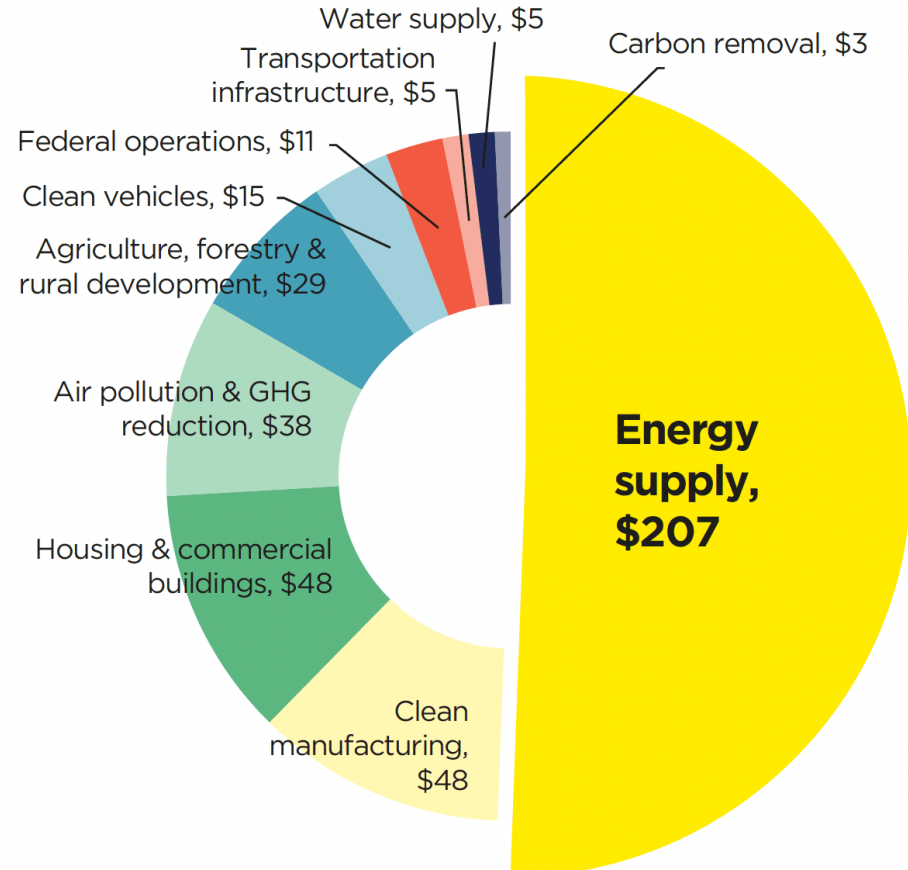
# New Federal Funding Overview and Context



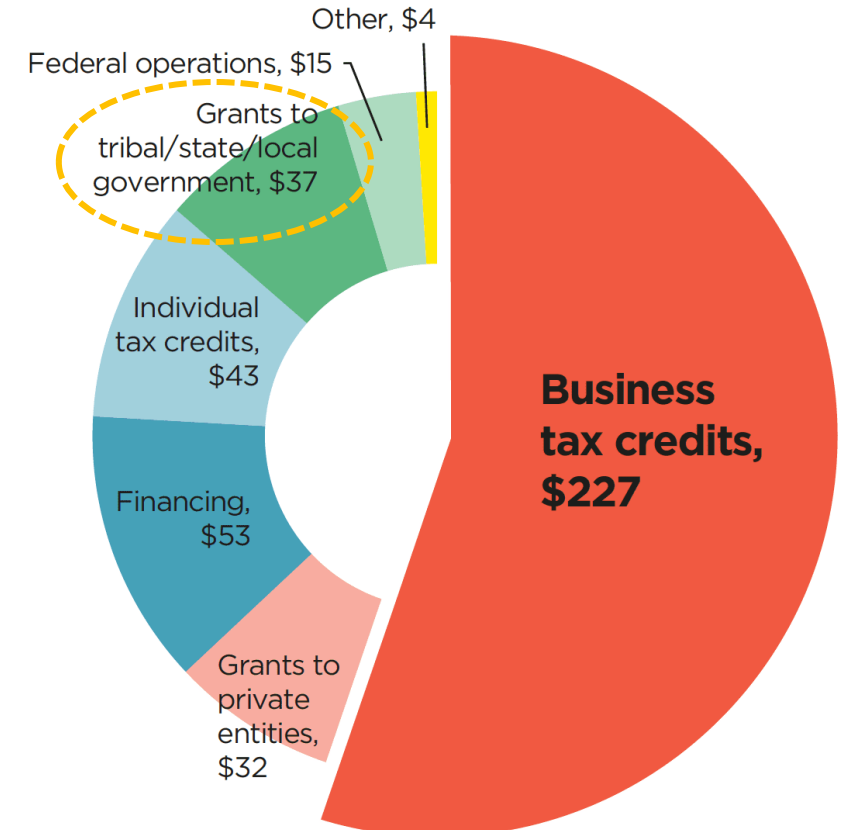
## New Federal Funding Available

- Inflation Reduction Act (IRA) ~\$369 BILLION
  - Historic investment in energy efficiency and renewable energy through tax incentives, grant and rebate programs
- Bipartisan Infrastructure Law (BIL)~\$1.2 TRILLION
  - AKA: Infrastructure Investment & Jobs Act (2021)
  - Spent over 5 years, divided between improving the transportation network and society's core infrastructure

# IRA Spending Breakdown



**Figure 1. Energy supply receives about half of IRA resources, with significant investments in clean manufacturing and housing (billions of dollars)**



**Figure 2. The largest share of IRA funding will be available as tax credits to businesses (billions of dollars)**

Source: Climate Mayors and C40 Cities, October 2022, ["Climate Action & the Inflation Reduction Act: A Guide for Local Government Leaders"](#)

# BIL Spending per Area

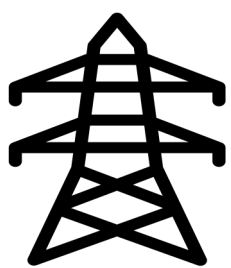
Formula Allocations and Grants  
to Public Sector Entities

\$110B



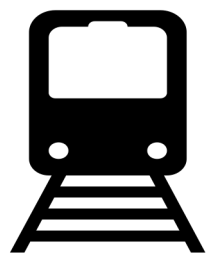
Roads &  
Bridges

\$65B



Electric Grid  
Upgrades

\$66B



Passenger &  
Freight Rail

\$65B



Broadband

\$55B



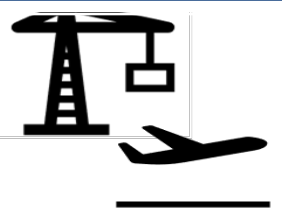
Improved  
Water Quality

\$50B



Climate  
Change  
Protection

\$42B



Ports &  
Airports

\$39B



Public Transit

\$21B



Environmental  
Clean-Up

\$15B



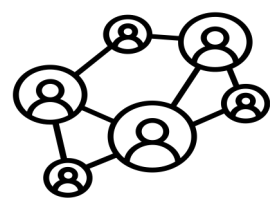
Electric  
Vehicles

\$11B



Transportation  
Safety

\$1B

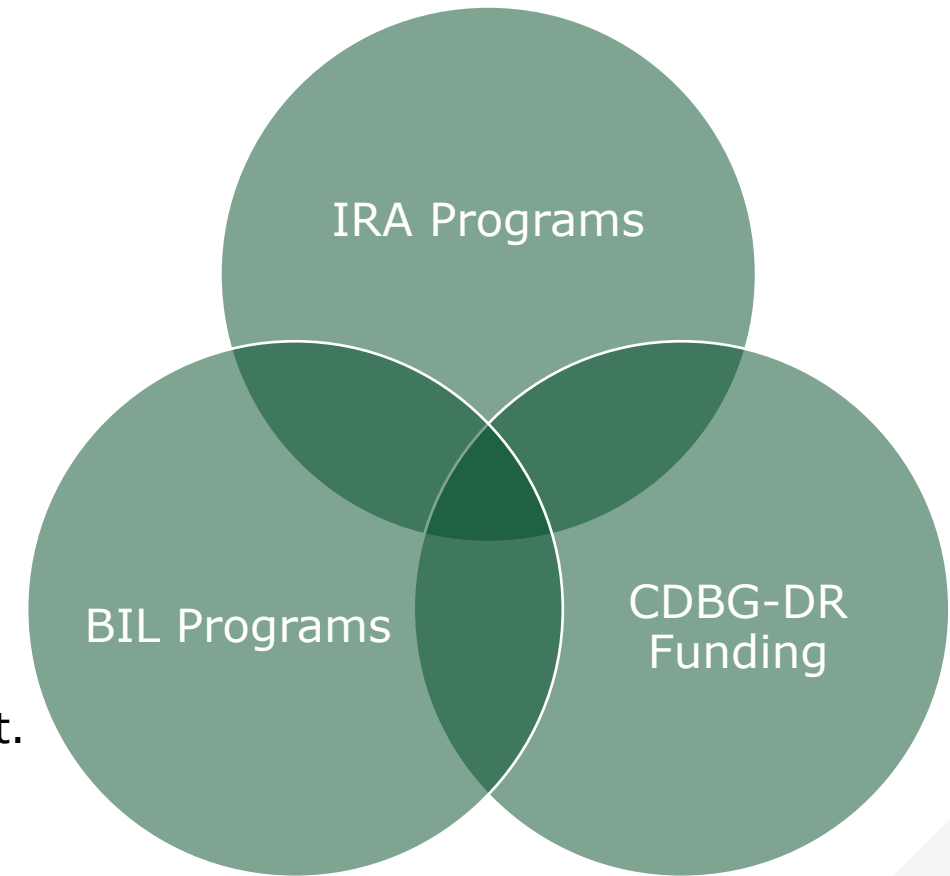


Reconnecting  
Communities



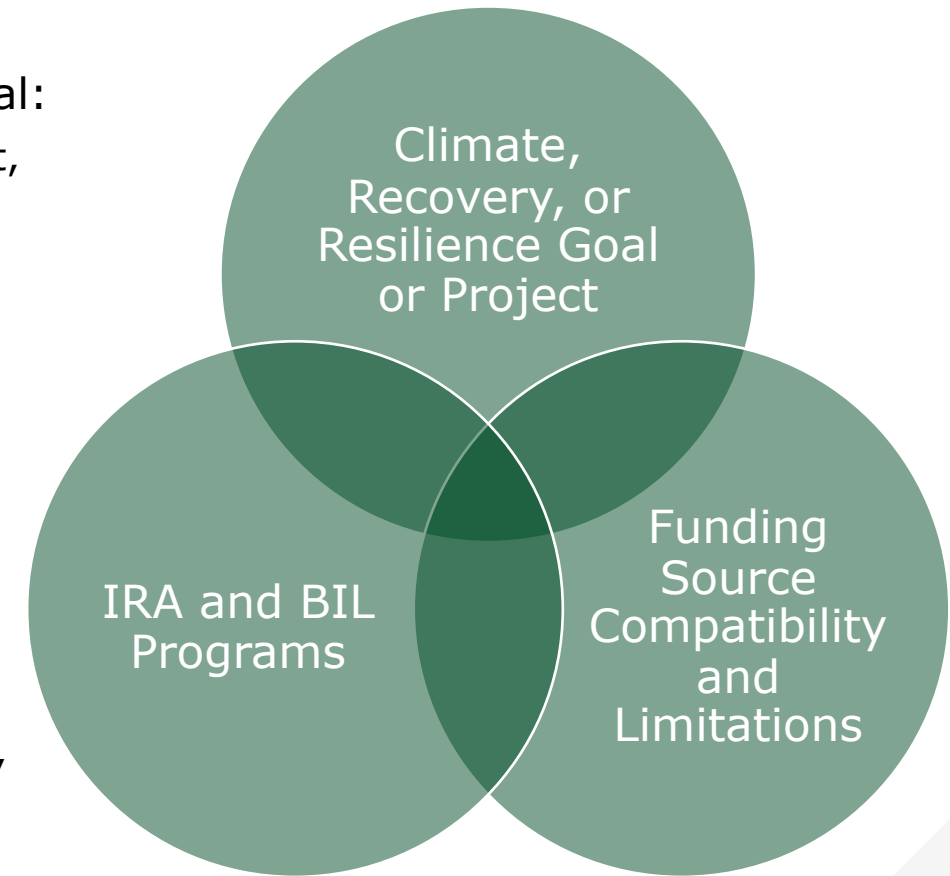
# IRA & BIL: Unprecedented Opportunities

- Your community could benefit from major investments in infrastructure, planning, resilience, and sustainability.
- It's complex!
  - Inflation Reduction Act (IRA) and Bipartisan Infrastructure Law (BIL) are major funding sources leading to hundreds of funding opportunities across multiple federal agencies.
  - Some opportunities have come and gone.
  - Many are just getting started.
  - Most are very new initiatives or very specific.
- Layering with other federal funding sources is often encouraged, but you need to know the specifics to get it right.



# Getting Started with New Federal Funding

- Recommend starting with a specific project or community goal:
  - CDBG-DR and CDBG-MIT Action Plans, Unmet Needs Assessment, Mitigation Needs Assessments.
  - Consolidated Plans.
  - State or local planning efforts related to recovery, resilience, transportation, energy, or climate:
    - Climate Action Plan, Resilience Plan, Sustainability Plan.
- Understand applicable place-based designations in your community.
  - Use federal mapping tools to understand federal priorities and eligibility at the local level.
- Research IRA and BIL funding in support of a specific project, need, or goal.
  - Use funding navigation tools to understand local eligibility and available resources.





# Place-based Designations: Justice40 + Community Disaster Resilience Zones

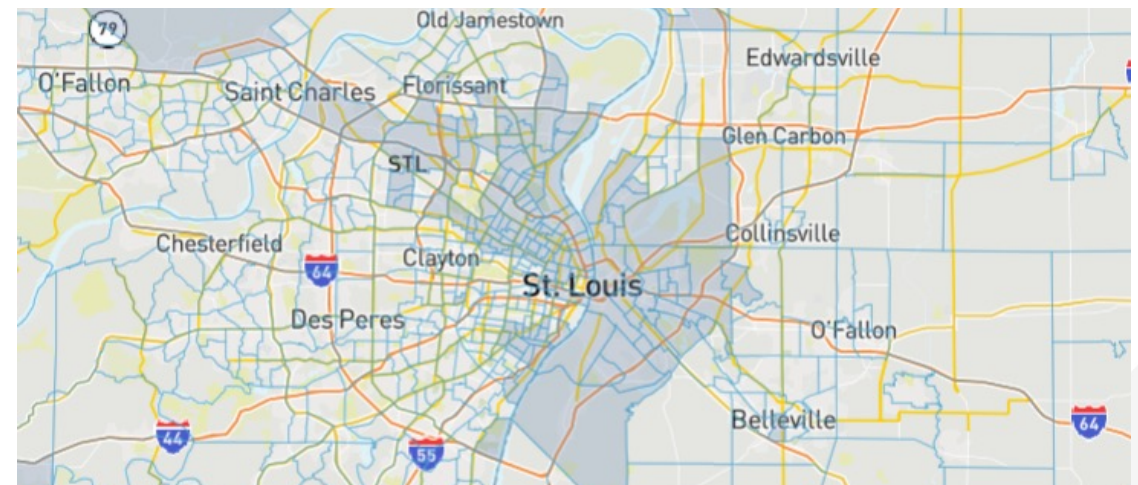
# Justice40 Initiative

- **Goal:** 40% of overall benefits of certain federal climate, clean energy, affordable and sustainable housing, and other investments flow to disadvantaged communities that are marginalized by underinvestment and overburdened by pollution.
  - [Executive Order 14008](#) (Tackling the Climate Crisis at Home and Abroad).
  - [Executive Order 14096](#) (Revitalizing Our Nation's Commitment to Environmental Justice for All).
- IRA and BIL funds are included under Justice40 Initiative.
  - Federal agencies determine implementation parameters.



Climate and Economic Justice Screening Tool

- [Climate and Economic Justice Screening Tool](#) (CEJST):
- Mapping tool that helps identify disadvantaged communities.
- Disadvantaged communities, [also known as Justice40 communities](#), include all federally recognized tribes whether or not they have land.





# Justice40 Initiative

## Disadvantaged Communities

- Identified using datasets as indicators of burdens, categorized into environmental, climate, and other areas
- Disadvantaged if census tract exceeds thresholds for one or more burdens and surpasses a socioeconomic burden threshold

## Categories of Burden

- Climate change
- Energy
- Health
- Housing
- Legacy pollution
- Transportation
- Water and wastewater
- Workforce development



# The Community Disaster Resilience Zones (CDRZ) Act

# The Community Disaster Resilience Zones (CDRZ) Act of 2022

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The CDRZ Act amends the Robert T. Stafford Disaster Relief and Emergency Act by adding section 206. The **intent** of the CDRZ Act is to:

- **Prioritize** communities that are most at risk and most in need for support from the Whole Community, including other federal agencies and nongovernmental organizations (NGOs).
- **Target** resources to locations with high vulnerability to natural hazards. States and other partners involved in disaster mitigation can use the CDRZ designations to identify the nation's vulnerable areas.
- **Direct** resources toward those most in need of building community resilience. We know disasters don't affect all equally.



**FEMA**

# Summary: CDRZ Designation

The initial 483 Community Disaster Resilience Zones (CDRZ) designations are intended to prioritize resources and technical support to areas that are most in-need and most at-risk from climate change and natural hazards.

## What is a Community Disaster Resilience Zone?

The Community Disaster Resilience Zones (CDRZ) Act requires FEMA to utilize a natural hazard risk assessment index to identify census tracts which are most at risk from the effects of natural hazards and climate change. The **initial 483 census tracts** designated as CDRZs represent more than two million Americans in the most at-risk and in-need communities across every state.

## Focus: Community-centered

The goal of CDRZ designations is to empower every sector – from private to social and public – to invest in and support a **holistic, community-driven approach** to building a more sustainable and resilient future.

## Benefits: What does this mean for CDRZ communities?

Designation immediately qualifies CDRZ communities to be eligible for access to additional funding and technical assistance for resilience and mitigation projects:

- **FEMA Building Resilient Infrastructure and Communities (BRIC):** Increased federal cost share, Direct Technical Assistance, additional points on application, and Benefit Cost Analysis (BCA) Technical Assistance
- **FEMA Flood Mitigation Assistance (FMA):** Additional points on application and Benefit Cost Analysis (BCA) Technical Assistance

And as CDRZ grows, the benefits will expand:

- **Other federal agencies** may be reaching out through their regional networks to share additional dimensions of support
- **Increased access** to resources and resilience stakeholder network - coming soon!



# FEMA made CDRZ designations based on widely known, transparent, and understood measures of natural hazard risk and vulnerability.

In September 2023,  
**FEMA announced the first 483 Community Disaster Resilience Zones (CDRZ) across all 50 states and D.C.**

More designations – including in territories and tribal nations – will be **announced in 2024.**



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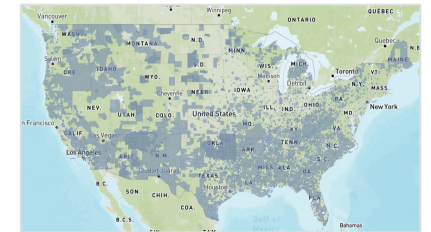
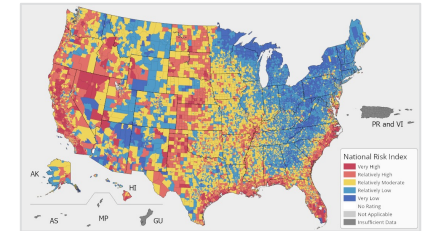
1. FEMA CDRZ Methodology, August 28, 2023

2. 91 entities contributed to the creation of the NRI: <https://hazards.fema.gov/nri/contributors>



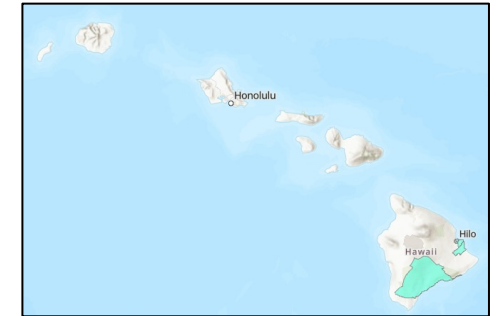
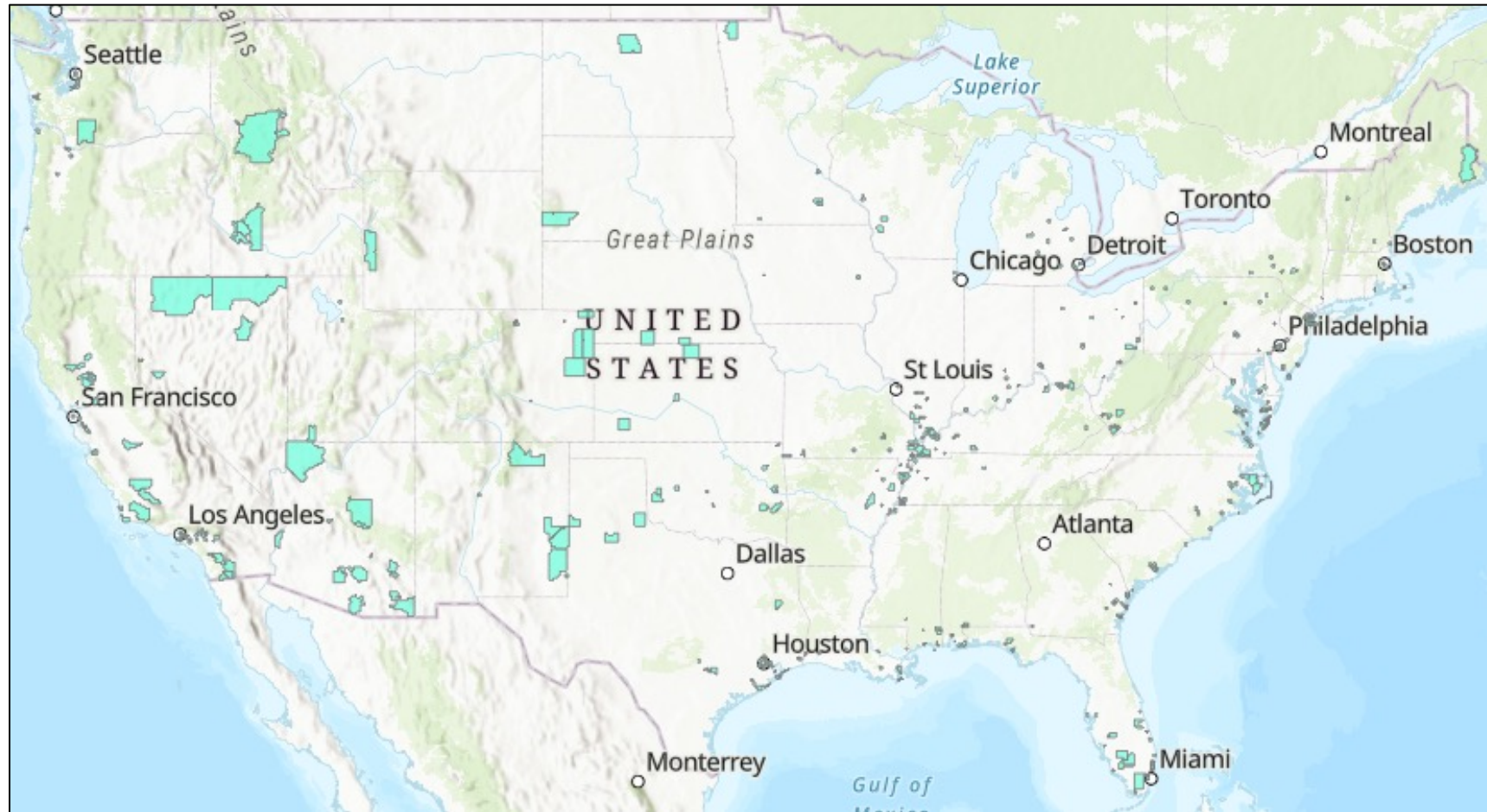
*Census tracts were designated CDRZ based on the following criteria<sup>1</sup>:*

- ✓ **A composite National Risk Index (NRI)<sup>2</sup>:** Risk Index Scores that rank in the top 50 nationally *or* is in the top 1% within their state
- ✓ **A disadvantaged community** based on the **Climate & Economic Justice Screening Tool**



**All designations underwent peer review by subject matter experts in a Methodology Data Working Group** with support from the FEMA Mitigation Framework Leadership Group (MitFLG).

# Census Tracts Identified as CDRZ in the 50 States + DC



**FEMA**

# The initial 483 CDRZs represent at-risk and in-need communities in every U.S. state and the District of Columbia.

## Initial designated CDRZ communities, *Census tract coverage*

CDRZs represent ~2 million people across 483 census tracts both equal to ~0.6% of the national total<sup>1</sup>

~37% are in rural areas<sup>1,5</sup> (e.g., Lake Co., TN)

~36% are in large metro areas<sup>1</sup> (e.g., Los Angeles, CA)

Census tracts vary dramatically in physical size due to differences in population density

~40% are in coastal counties<sup>1</sup>

Above: New York City, has the most CDRZs in a single jurisdiction (17)<sup>1</sup>

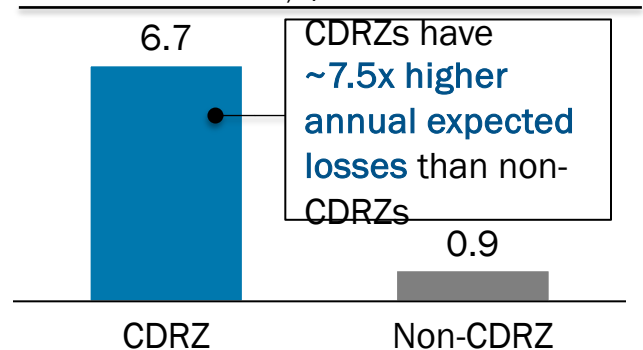


**76%** of CDRZ face three or more hazards rated relatively high or very high in the NRI<sup>2,3</sup>



**84%** of CDRZ have high social vulnerability ratings<sup>2,4</sup>

Average expected annual loss<sup>2</sup>  
Per census tract, \$M USD



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1. Source: Initial CDRZ designations, released 9/6/2023; 2020 Census
2. FEMA National Risk Index (NRI)
3. Hazard ratings are determined relative to the specific hazard in the NRI. See more at: FEMA NRI technical documentation
4. High defined as very high or relatively high SVI; relatively high social vulnerability corresponds to the 60<sup>th</sup> percentile nationally; very high refers to the 80<sup>th</sup> percentile nationally
5. Source: USDA "2013 Rural-Urban Continuum Codes". Rural areas correspond to all "nonmetro" classifications; "Nonmetro - Urban population of 2,500 to 19,999, adjacent to a metro area", "Nonmetro - Urban population of 2,500 to 19,999" and rural to "Nonmetro - Completely rural or less than 2,500 urban population". Respectively, these classifications are referred to as "Large town", "Small town", and "completely rural" throughout

# Commitments from Other Federal Agencies

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**FEMA has received a commitment from the following programs from other Federal agencies to support, prioritize, and/or incorporate Community Disaster Resilience Zones:**

## TECHNICAL ASSISTANCE

- **National Oceanic and Atmospheric Administration (NOAA)** Climate-Smart Communities Initiative Program
- **Environmental Protection Agency (EPA)** Environmental Justice Thriving Communities Technical Assistance Centers (EJ TCTACs)
- **Environmental Protection Agency (EPA)** Environmental Justice Thriving Communities Grantmaking Program (EJ TCGM)
- **Environmental Protection Agency (EPA)** Community Change Equitable Resilience Technical Assistance (CCER TA)
- **Economic Development Administration** Economic Recovery Corps
- **Small Business Administration (SBA)** Small Business Development Center (SBDC), Women's Business Centers (WBC), Veteran's Business Outreach Centers (VBOC) and Native American Business Centers (NABC)
- **Department of Agriculture (USDA)** Rural Partners Network

## GRANT FUNDING

- **Environmental Protection Agency (EPA)** Environmental and Climate Justice Community Change Grants Program (Community Change Grants)
- **Housing and Urban Development (HUD).** Green and Resilient Retrofits Program (GRRP)
- **Department of Transportation (USDOT)** Promoting Resilient Operations for Transformative, Efficient, and Cost-saving Transportation (PROTECT) Program





Our aspiration is that CDRZ designation will catalyze support to communities that goes well beyond what government alone can do.

Today, the primary benefit of a designation is access to additional funding and technical assistance for resilience and mitigation projects, but going forward **the goal is to significantly increase access to resources from across sectors.**



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Support from **non-profit and philanthropic organizations and for-profit entities**



Increased access to **resilience stakeholder network** for localities



Increased awareness of **local needs** and **leveraging partner knowledge**



Increased access to both **funding and technical assistance**



Potential to **unleash private capital**



**Certification of projects** benefiting designated zones


# HUD and CDBG-DR Resilience Connections and Tools




# CDBG-DR Framing




# HUD Exchange: Build for the Future



## HUD EXCHANGE


[Programs](#) [Resources](#) [Trainings](#) [Program Support](#) [Grantees](#) [News](#) 



### Build for the Future


Build for the Future empowers local communities to undertake initiatives focused on climate resiliency, energy efficiency, renewable energy, and environmental justice. It achieves this by providing critical access to funding opportunities, offering guidance materials, and fostering peer-to-peer knowledge sharing.

[Home](#) > [Programs](#) > Build for the Future




#### Energy Efficiency

View resources on reducing energy waste and increasing efficiency in buildings.




#### Renewables

View resources on sustainable energy sources derived from natural resources such as sunlight, wind, water, and geothermal heat.



#### Resiliency

View resources on increasing the capacity of systems and communities to withstand and adapt to climate-related challenges and disturbances.



#### Environmental Justice

View resources on inclusive environmental decision-making and policy implementation that amplifies the voices of marginalized communities.



# Build for the Future Funding Navigator

## Build for the Future Funding Navigator

Filter and search for funding opportunities for your community.

[Home](#) > [Programs](#) > [Build for the Future](#) > Funding Navigator

### Find Funding Opportunities

The Funding Navigator provides a listing of funding opportunities under the Inflation Reduction Act (IRA), Bipartisan Infrastructure Law (BIL), and others across federal agencies to support efforts to enhance climate resiliency, energy efficiency, renewable energy integration, healthy housing, workforce development and environmental justice in HUD supported communities, programs and properties. Find open and upcoming opportunities, including funding status and where to apply, for funds to implement projects that reduce energy use and strengthen resiliency in communities. In the Navigator, some grants are separated into levels. This helps identify how to apply in situations where original grantees (Level 1 grantees) are tasked with making subgrants to others (Levels 2 and 3).

Project Type	Project Subtype	Audience	States and Territories
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Funding Type	Funding Stage	Search by keyword...	
<input type="text"/>	<input type="text"/>	<input type="button" value="Search"/> <input type="button" value="Reset"/>	

A photograph of the St. Louis skyline, including the Gateway Arch and the Old Courthouse, framed within a white hexagonal border with a drop shadow.

# IRA and BIL Program Snapshots



# Technical Assistance Program Opportunities

- [White House Guidebook of Federal Technical Assistance Programs \(IRA/BIL\)](#) (September 2023):
  - This guide provides information on over 100 federal TA programs to assist applicants who want to apply for federal funding and deploy projects.

## Guide to the Technical Assistance Guide

For each of the 100+ Federal technical assistance programs that we have identified, you will find the following information:

- Program Name
- Agency and Department that provides the program
- Bureau within the Agency or Department responsible for the program
- Category of technical assistance
  - Planning and Project Development (BIL/IRA)
  - Application for Funding (BIL/IRA)
  - Financial Planning (BIL/IRA)
  - Project Delivery (BIL/IRA)
  - Federal Compliance (BIL/IRA)
- Type of technical assistance
  - Educational and Information: Provided by websites, webinars, and information made available to all potential recipients in a centralized location
  - Direct TA Provided by Federal Staff or Federally Funded Subject Matter Experts: Subject Matter Experts are available to answer questions and provide direct technical assistance to specific recipients and federal government-funded organizations
  - Federal Funding for TA Provided by Internal Staff or External Entities (Competitive/Non-Competitive): Funding is available to help entities to provide technical assistance
- Description of the technical assistance program
  - List of different types of eligible program participants (e.g.,



# Department of Transportation (DOT)



# Department of Transportation (DOT) BIL Program Examples

FY24 Notice  
of Funding  
Opportunity  
expected  
Summer  
2024

- [Reconnecting Communities Pilot](#)
  - Reconnects communities that are cut off from opportunity and burdened by past transportation infrastructure decisions through planning and capital funds
- [Neighborhood Access and Equity](#)
  - Connects communities by supporting neighborhood equity, safety, and affordable transportation access as well as mitigating negative environmental impacts
- [Thriving Communities Program](#)
  - Funds tailored technical assistance (TA) to under-resourced and disadvantaged communities, helping them better access historic infrastructure investments and deliver transformative projects
- [Rural and Tribal Assistance Pilot Program](#)
  - Funds financial, technical, and legal assistance to states and rural and tribal communities to advance transportation infrastructure projects expected to be eligible for other DOT funding
- FY2022 and FY2023 Awards are public; all are projected for additional rounds in 2024



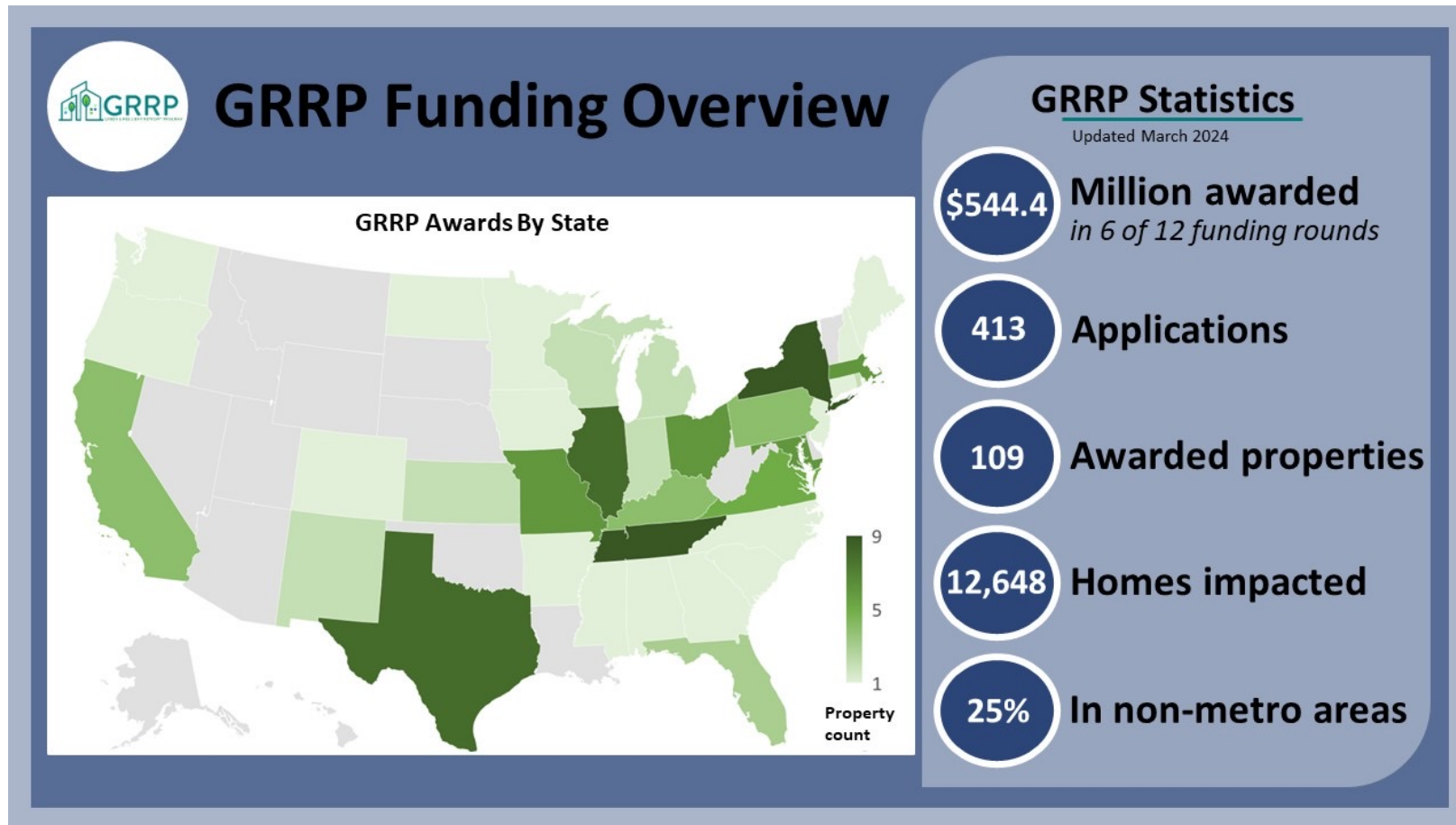
# Department of Housing and Urban Development (HUD)



# HUD: Green Resilient Retrofit Program (GRRP)

Type of Program	Grants/Loans	Total Funds Available	\$837.5M; plus, up to \$4B in loan authority
Eligible Applicant	HUD's Multifamily Assisted Portfolio		
Application Process/Deadline	<ul style="list-style-type: none"><li>• <b>Elements- July 31, 2024</b></li><li>• <b>Comprehensive- June 12, 2024</b></li><li>• <b>Leading Edge- May 15, 2024</b></li></ul>		
Eligible Use of Funds	<ul style="list-style-type: none"><li>• <b>Elements (Funding of up to \$40K per unit or \$750K per property)</b><ul style="list-style-type: none"><li>• Funding for owners to include proven and meaningful climate resilience and utility efficiency measures in projects that are already in the process of a recapitalization transaction</li></ul></li><li>• <b>Comprehensive (Funding of up to \$80K per unit or \$20M per property)</b><ul style="list-style-type: none"><li>• Funding to properties with the highest need for climate resilience and utility efficiency upgrades, regardless of prior development or environmental retrofit experience</li></ul></li><li>• <b>Leading Edge (Funding of up to \$60K per unit or \$10M per property)</b><ul style="list-style-type: none"><li>• Funding for ambitious retrofit activities to achieve a green certification.</li></ul></li></ul>		
More Information	<u><a href="#">Green and Resilient Retrofit Program (GRRP)   HUD.gov / U.S. Department of Housing and Urban Development (HUD)</a></u>		

# HUD: Green Resilient Retrofit Program (GRRP)





# Audience Engagement

- Has anyone applied for DOT BIL funds?
- Do you have remaining transportation unmet needs?
- Are there HUD multifamily developments in your community that are seeking recapitalization opportunities?



# Federal Emergency Management Agency (FEMA)

# FEMA: Building Resilient Infrastructure and Communities (BRIC)

Type of Program	Grant	Total Funds Available	\$1 Billion
<b>Eligible Applicant</b>	States, territories, and federally recognized tribes Sub-applicants: Local governments, state agencies, and federally recognized tribal governments		
<b>Application Process/Deadline</b>	Applications closed for FY 2023. Expected to reopen in Fall 2024 for FY 2024.		
<b>Eligible Use of Funds</b>	Capability- and capacity-building activities Mitigation projects Management costs		
<b>More Information</b>	<u><a href="#">Before You Apply for Building Resilient Infrastructure and Communities (BRIC) Funds   FEMA.gov</a></u>		

# BRIC Direct Technical Assistance (DTA) Overview: A Non-Financial Initiative Under the BRIC Program

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Levels the playing field through capability building

Increases collaboration and planning on mitigation solutions for communities

Encourages and promotes local decision-making and local partnerships



**FEMA**



# BRIC Direct Technical Assistance – CDRZ Priority Requests

Holistic hazard mitigation planning and project support from the earliest stages, tailored to the needs and priorities of communities and tribal nations interested in FEMA partnership.

Activities can include:

**BRIC DTA Action Plan – an implementation work plan driven by the community's TA needs**

- Broad planning and capacity-building support
- Community engagement
- Strategic communications
- Partnership building
- Hazard mitigation plan development
- Benefit cost analysis
- Mitigation alternatives development
- Project scoping
- Project design
- Project implementation for BRIC-funded projects

**Please contact your State Hazard Mitigation Officer for questions about the BRIC DTA Initiative.**

[State Hazard Mitigation Officers | FEMA.gov](#)  
[BRIC Website](#)



**FEMA**



# Environmental Protection Agency (EPA)

# EPA: Greenhouse Gas Reduction Fund (GGRF)

	Create a national clean financing network		
Program description	<b>National Clean Investment Fund</b>	<b>Clean Communities Investment Accelerator</b>	<b>Solar for All</b>
	Fund national nonprofit financing entities to create national clean financing institutions capable of partnering with the private sector to provide accessible, affordable financing for tens of thousands of clean technology projects nationwide	Fund hub nonprofits to provide funding and technical assistance to community lenders that will then finance clean technology projects in low-income and disadvantaged communities, deploying projects in communities most in need while also building the capacity of community lenders that serve those communities	Fund states, territories, Tribal governments, municipalities & nonprofits to develop long-lasting programs that enable low-income & disadvantaged communities to deploy and benefit from distributed residential solar
	Number of selectees	EPA stated it would make 2-3 selections <i>(EPA has made 3 selections)</i>	EPA stated it would make 2-7 selections <i>(EPA has made 5 selections)</i>
	Funding amount	\$14 billion	\$7 billion

# EPA: Community Change Grants

Type of Program	Grant	Total Funds Available	\$2 Billion
<b>Eligible Applicant</b>	<p>A partnership between two community-based non-profit organizations (CBOs)</p> <p>A partnership between a CBO and one of the following:</p> <ul style="list-style-type: none"> <li>• A federally recognized tribe</li> <li>• A local government</li> <li>• An institution of higher education</li> </ul>		
<b>Application Process/Deadline</b>	<p>The <u>Community Change Grants NOFO</u> is NOW OPEN! Deadline to apply is November 21, 2024.</p>		
<b>Eligible Use of Funds</b>	<p>Environmental and climate justice activities to benefit disadvantaged communities through projects that reduce pollution, increase community climate resilience, and build community capacity to address environmental and climate justice challenges.</p>		
<b>More Information</b>	<p><u>Inflation Reduction Act Community Change Grants Program   US EPA</u></p>		



# Audience Engagement

- Do you have a climate action or sustainability plan?
  - What are its primary goals?
- Is anyone pursuing EPA-administered or other climate-action funding?
  - Local governments: Have you been in contact with your state about Climate Pollution Reduction Grant (CPRG) planning efforts?
- Are any grantees pursuing other ways to fund climate action or sustainability projects?



# Even More Funding Opportunities to Know About

# DOE: Title 17 Clean Energy Financing Program

- Department of Energy Loans Program Office (LPO)
  - Financing for projects that support clean energy deployment and energy infrastructure.
  - Open to public or private projects.
  - Upwards of \$100M in financing per project.
  - The LPO can lend up to 80% of eligible project costs but typically has a 50–70% loan-to-value.
  - All applications must be submitted by **Sept. 30, 2026**.
- Additional Opportunity: [State Energy Financing Institution \(SEFI\) Support](#)
  - “Meaningful financial support” from a SEFI waives the innovative technology requirement—a common barrier for applicants.

## LPO's Value Propositions

Why work with the Loan Programs Office for project financing?



### Access to Patient Capital

that private lenders cannot or will not provide.



### Flexible Financing

customized for borrowers' needs.

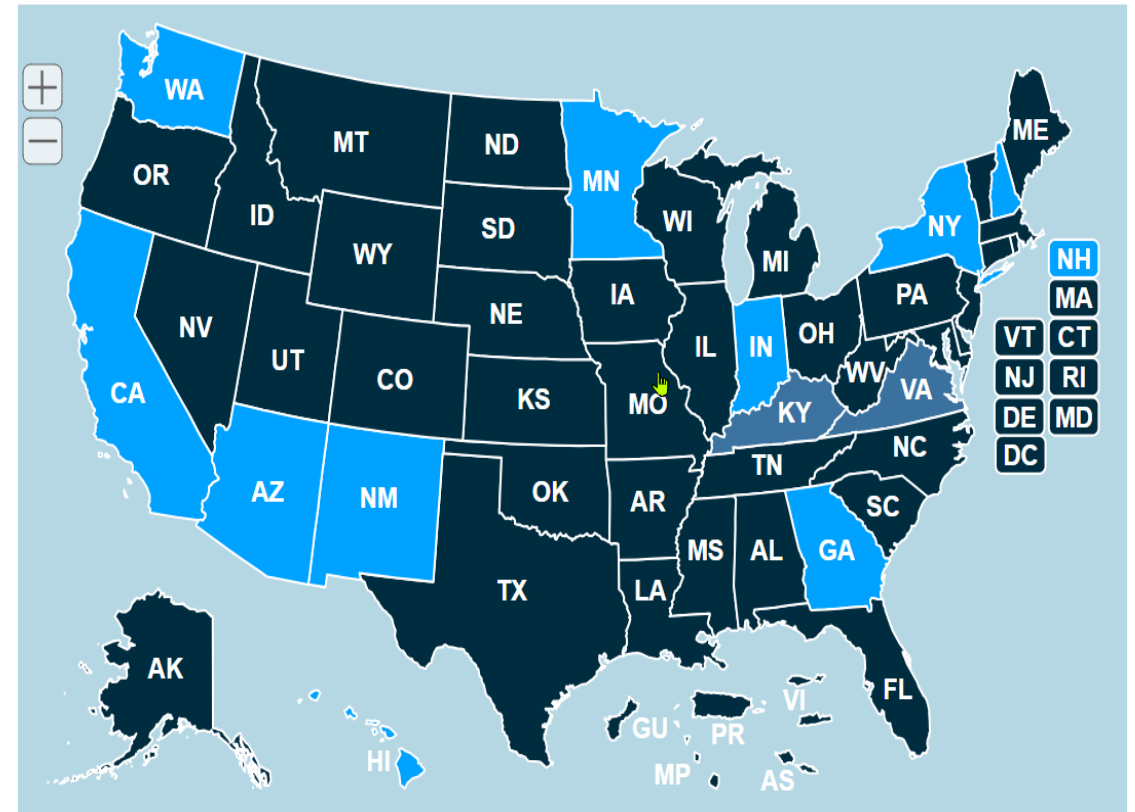


### Committed DOE Partnership

offering borrowers specialized expertise for the lifetime of the loan.

# DOE: Home Energy Rebate Program

- Rebates for qualifying appliances, insulation, heat pumps, electrical updates, electric water heaters, and more.
- [States](#) apply to Department of Energy and manage the program.
- Potential CDBG-DR Connections.
  - Expand/enhance housing rehabs scopes.
  - Share information with LMI homeowners and trustworthy contractors.
  - Technical assistance activity to support participation.



Last updated 03/25/2024

# EPA: Climate Pollution Reduction Grant Program

- [Climate Pollution Reduction Grant Program \(CPRG\)](#) (funding awards)
  - ~\$5B for Planning and Implementation for Climate Action
  - States, tribes, territories, regions
    - 48 States
    - ~70 MSAs
  - Applications closed, but planning is still in progress through 2025
    - Comprehensive Climate Action Plans
    - Still time to get involved at the local level!
    - Consider how this might tie into DR planning activities



# US Treasury: IRA Elective (Direct) Pay

- Local and state governments and tax-exempt can now take advantage of tax credits for energy projects.
  - Receive a payment equal to the full value of tax credits for qualifying clean energy projects.
- 12 Clean Energy Tax Incentives that are eligible for direct pay.
  - Energy Generation and Carbon Capture
    - Production credits, Low-Income Communities Bonus, Carbon sequestration, Zero-Emission Nuclear
  - Manufacturing
  - Commercial Vehicles
  - Refueling and Charging Stations
  - Clean Fuels production
- Tax Credit Bonuses Map - Climate Cabinet Education

**CLIMATE CABINET EDUCATION** About Us Our Work Media Contact [DONATE NOW](#)

## Tax Credit Bonuses Map

With this new tool from Climate Cabinet Education, discover which parts of your community have the potential to maximize the benefits of the historic federal climate investments from the Inflation Reduction Act. Areas meeting key eligibility criteria will qualify for even greater levels of funding.

**Search For Your Community**  
Enter the name of a state, county, municipal utility, or rural electric cooperative to view its Justice40 communities, distressed zip codes, energy communities, and designated low-income census tracts on an interactive map. You'll also see descriptions of which programs are available and how much bonus eligibility parts of your community can access.

**ST. LOUIS, MISSOURI**

**SELECT LAYERS**

- ☒ Counties
- ☒ Distressed Communities
- ☒ Energy Communities
- ☒ Justice 40 Communities
- ☒ Low Income Census Tracts

**ST. LOUIS, MISSOURI**

**Summary**

**Total Population (2020)**  
301,578

**Bonus Territories**  
Populations are estimated in the county of your search area (state, county, municipal utility, or rural electric) and the State territory and then rounded to the nearest thousand.

- 22 Distressed Communities with 303,320 people
- 4 Energy Communities with 0 people
- 74 Justice40 Communities with 101,880 people
- 86 Low Income Census Tracts with 170,260 people

**Eligible Programs**

- Alternative Fuel Refueling Property Credit
- Direct Pay clean energy INVESTMENT tax credits
- Direct Pay clean energy PRODUCTION tax credits
- Neighborhood Access & Equity Grant
- Solar For All

Name	Agency	Description	Base Benefit	Bonus Amounts
Direct Pay clean energy INVESTMENT tax credits	IRS	Provides a tax credit on the initial investment on a clean energy asset including fuel cell, solar, geothermal, small wind, energy storage, biogas, microgrid controllers, and combined heat and power properties.	6-30% (based on labor standards and material sourcing requirements)	Energy Communities: 10% Low Income Census Tracts: 10-30% for wind and solar projects <5 mw and projects designed to serve qualified low-income housing projects beginning construction before 2025 Energy Communities: 10%



# **IRA/BIL + CDBG-DR**

# CDBG-DR and IRA/BIL Alignment Considerations

- Use
  - CDBG-DR unmet needs and mitigation needs assessment, Consolidated Plans, and climate or resilience plans to identify potential projects or activities.
- Ask
  - Do the performance and expenditure timelines align between sources?
  - Could CDBG-DR pay for a plan that IRA/BIL implements?
  - What additional environmental reviews need to be conducted for the other federal agency?
- Assess
  - Justice40 Initiative, community benefits, and existing relationships with disadvantaged communities.
  - Can you share your federal funding management expertise?
  - Do you have a programmatic framework another entity could repurpose?
- Review
  - DOB/Supplantation and IRA "Denial of Double Benefit" provision.
  - [Build America, Buy America](#)
    - Waived for CDBG-DR activities.
    - Applies to IRA/BIL funds to public entities and nonprofits.



# Reducing Administrative Burden Takeaways

# Reducing Administrative Burden Takeaways

- Work across agencies to review existing materials and efforts and determine key resilience and recovery goals and projects.
- Seek funding opportunities based on your community's top priorities and available capacity.
- Use this presentation and the [HUD's Build for the Future](#) resource to find the most aligned opportunities and prepare to apply.





# Audience Engagement

- What IRA or BIL opportunities are you interested in?
- Which policy priorities might IRA or BIL help you achieve?
- Which CDBG-DR priorities might IRA or BIL help you achieve?
- Where do you anticipate challenges in leveraging IRA or BIL opportunities for your community?



# Resources

# Additional IRA and BIL Resources

## Funding Aggregators

- [Equitable and Just National Climate Platform](#).
- [BIL Launchpad](#):
  - Transportation grants and TA.
- [Energy Communities Funding](#):
  - From the Interagency Working Group on Coal and Power Plant Communities and Economic Revitalization.

## Policy and Guides

- Climate Mayors and C40 Cities:
  - [Climate action and the Inflation Reduction Act: A guide for local government leaders](#).
- [Rewiring America](#).
- [Center for Public Enterprise](#).
- [Climate Cabinet Education](#).

# Build for the Future

## Resources

### Build for the Future

There are more resources available on the Build for the Future page. View details for upcoming trainings and learn more about available guides and tools.

[Return to Build for the Future](#)

## Resource by Topic



### Energy Efficiency

View resources on reducing energy waste and increasing efficiency in buildings.



### Renewables

View resources on sustainable energy sources derived from natural resources such as sunlight, wind, water, and geothermal heat.



### Resiliency

View resources on increasing the capacity of systems and communities to withstand and adapt to climate-related challenges and disturbances.



### Environmental Justice

View resources on inclusive environmental decision-making and policy implementation that amplifies the voices of marginalized communities.

## Library of Resources

- Resources and tools for efficient building, renewable energy integration, climate resiliency and environmental justice

# Invest in Sustainable Solutions

## Invest in Sustainable Solutions

This **interactive infographic** and the [supplemental fact sheets](#) provide information on sustainable solutions for energy efficiency and climate resiliency in local communities. The Inflation Reduction Act, Bipartisan Infrastructure Law, and other recent legislation provide billions of dollars for communities to advance sustainability through critical investments in climate resilience, clean energy generation, and carbon reduction. Communities assisted by HUD have priority for most of these programs and funding.

These investments can **reduce the carbon footprint of properties, improve resident health, trim operational costs and recoup savings, and decrease out-of-pocket expenses.**

To learn more about carbon reduction and how to build resilience in your community, visit the [Climate page on HUD.gov](#) and explore the additional resources below! *To interact with the infographic, click on the white circles to learn more about each sustainable solution.*



### Interactive Infographic

- Fact sheets on sustainable solutions for energy efficiency and climate resilience



# Invest in Sustainable Solutions

Build for the Future

## Climate Resilience



Investing in climate resilience upgrades is critical to ensuring communities can adapt and provide protection against climate impacts and extreme weather events. Climate resilience upgrades reduce the operational risk to buildings, reduce long-term costs, and can minimize disruption of housing and services to residents. Upgrades are available to address a property's unique climate risks, but resilience is also a core benefit of energy-efficiency upgrades, electrification, and renewable energy investments.

The Inflation Reduction Act, Bipartisan Infrastructure Law, and other recent legislation provide billions of dollars for homeowners, property owners and managers, and communities to invest in climate resilience upgrades. Many funding opportunities are already available, and communities assisted by the U.S. Department of Housing and Urban Development (HUD) have priority for most of these programs.



### Green and Resilient Retrofit Program (HuD)



Loans and grants to support HUD-assisted multifamily housing to improve energy efficiency, reduce carbon emissions, incorporate renewables, and increase climate resilience. Funding is available through spring 2024:

- Elements: Funding of up to \$40,000 per unit or \$750,000 per property to install upgrades like battery storage, fire-resistant roofs, elevated building systems, and flood protection
- Leading Edge: Up to \$60,000 per unit or \$10 million per property to achieve advanced green building certification, like LEED Gold or Plus Zero, that incorporates climate resilience
- Comprehensive: Up to \$80,000 per unit or \$20 million per property for high-needs properties to make holistic climate adaptation investments

### Community Development Block Grant (CDBG) (HuD)



Annual grants from HUD to eligible local and state governments. More than \$3 billion allocated in 2023. Eligible activities can include improving housing, business, public facility, and infrastructure resilience.

### CDBG Disaster Recovery (HuD)



HUD notifies states, cities, and counties if they're eligible. Grants can be used in the most affected and distressed areas for disaster relief, infrastructure restoration, housing, economic revitalization, and long-term recovery.

### Section 108 Loan Guarantee Program (HuD)



Loan guarantees provide CDBG recipients access to low-cost, flexible financing for economic development, housing, public facilities installation, and infrastructure projects. Also used for long-term recovery or to prevent future damage from natural disasters.

= Single-family homes = Multifamily homes

### Building Resilient Infrastructure and Communities (BRIC) Program (FEMA)

Competitive grants of up to \$2 million per applicant. Awarded annually to states, local governments, Tribal governments, and territorial governments. Priorities include projects that:

- Mitigate risk to public infrastructure
- Mitigate risk to disadvantaged communities
- Incorporate nature-based solutions
- Incorporate solutions designed to reduce carbon emissions
- Enhance climate resilience and adaptation

### Flood Mitigation Assistance Grants (FEMA)

Competitive grants awarded to states, local communities, Tribes, and territories to reduce the risk of repetitive flood damage to buildings insured under the National Flood Insurance Program. Funds are for community or individual flood mitigation projects, technical assistance, and management costs.

### Environmental and Climate Justice Community Change Grants (EPA)

Partnerships of at least two community-based nonprofit organizations (CBOs), or partnerships between CBOs and a Federally Recognized Tribe, local government, or institution of higher education are eligible for funds to support environmental and climate justice activities to benefit disadvantaged communities. Funding is available for projects that mitigate the climate and health risks of urban heat islands, extreme heat, wood heater emissions, and wildfire events; promote climate resiliency and adaptation; and reduce indoor air toxics and indoor air pollution. Funding application available fall 2023.

### Section 47—Rehabilitation Tax Credit (Treasury)



Tax credit for homeowners or renters of up to 20% of the total cost of the renovation, restoration, or reconstruction of a building. Eligible improvements include windows and doors, walls, partitions, floors, ceilings, central air conditioning and heating systems, fire escapes, waterproof coating, floodgates, seawalls, and the cost of lifting or elevating structures. Tax credits are available now.

## Fact Sheets

- Topic Specific information

Check the [Build for the Future Condition Assessment](#) for more funding opportunities and the [Build for the Future](#) webpage for resources to improve the physical and financial performance of your home or multifamily property.



A photograph of the St. Louis Gateway Arch and the city skyline, framed within a white hexagonal border with a drop shadow, set against a green and blue geometric background.

# Thank You!

If you have any questions, please feel free to send an email to the Office of Disaster Recovery's (ODR's) Policy Division at [ODRPolicyDivision@hud.gov](mailto:ODRPolicyDivision@hud.gov).

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## Next Session

**The next session will begin at 2:45 p.m. CDT**

2024 CDBG-DR Problem Solving Clinic  
Closing Remarks

