



BUILDING A CLEAN ENERGY ECONOMY:

**A GUIDEBOOK TO THE INFLATION
REDUCTION ACT'S INVESTMENTS
IN CLEAN ENERGY AND
CLIMATE ACTION**

CLEANENERGY.GOV

DECEMBER 2022, VERSION 1



**THE WHITE HOUSE
WASHINGTON**



Greenhouse Gas Reduction Fund

Federal Agency: Environmental Protection Agency
Bureau or Office: Office of the Administrator

IRA Statutory Location: 60103

Program Description: To provide competitive grants to mobilize financing and leverage private capital for clean energy and climate projects that reduce greenhouse gas emissions, with an emphasis on projects that benefit low-income and disadvantaged communities. This includes (1) \$7 billion to provide financial and technical assistance to low-income and disadvantaged communities to deploy or benefit from zero-emission technologies, including distributed technologies on residential rooftops, and to carry out other greenhouse gas emission reduction activities; and (2) \$19.97 billion to provide financial and technical assistance for qualified projects that reduce or avoid greenhouse gas emissions and other forms of air pollution, with \$8 billion specifically carved out for low-income and disadvantaged communities.

Funding Amount: \$27,000,000,000

Period of Availability: To remain available to EPA until September 30, 2024. Must begin implementing the grant program by February 15, 2023 (180 days after enactment).

Funding Mechanism: Competitive grants

New or Existing Program: New

Eligible Recipients: (1) States, municipalities, Tribal governments, and “eligible recipients” are eligible for the \$7 billion for low-income and disadvantaged communities. (2) ‘Eligible recipients,’ as defined in the statute, are eligible for the \$19.97 billion, of which \$8 billion is reserved for projects that provide financial and technical assistance in low-income and disadvantaged communities. The term ‘eligible recipient’ means a nonprofit organization that— (A) is designed to provide capital, including by leveraging private capital, and other forms of financial assistance for the rapid deployment of low- and zero-emission products, technologies, and services; (B) does not take deposits other than deposits from repayments and other revenue received from financial assistance provided using grant funds under this section; (C) is funded by public or charitable contributions; and (D) invests in or finances projects alone or in conjunction with other investors.

Tribal Eligibility: Tribal governments are eligible to be direct recipients for the \$7 billion for low-income and disadvantaged communities.

Eligible Uses: Grant recipients will provide financial and technical assistance for zero-emission technology and qualified projects. The term ‘zero-emission technology’ means any technology that produces zero emissions of any air pollutant that is listed pursuant to section 108(a) of the



Clean Air Act (or any precursor to such an air pollutant); and any greenhouse gas.’ The term ‘qualified project’ includes any project, activity, or technology that— (A) reduces or avoids greenhouse gas emissions and other forms of air pollution in partnership with, and by leveraging investment from, the private sector; or (B) assists communities in the efforts of those communities to reduce or avoid greenhouse gas emissions and other forms of air pollution.

Cost Share Requirements: N/A

Formula Funding: No

SAM.gov Assistance Listing: TBD

Relevant Announcements: [EPA Greenhouse Gas Reduction Fund Announcements](#)



Funding for Department of Energy Loan Programs Office

Federal Agency: Department of Energy
Bureau or Office: Loan Programs Office

IRA Statutory Location: 50141

Program Description: To support the cost of loans for innovative clean energy technologies. IRA provides \$40 billion of loan authority supported by \$3.6 billion in credit subsidy for projects eligible for loan guarantees under section 1703 of the Energy Policy Act of 2005. This loan authority is open to all currently eligible Title 17 Innovative Clean Energy technology categories, including fossil energy and nuclear energy, and new categories of activities, including critical minerals processing, manufacturing, and recycling.

Funding Amount: \$3,600,000,000

Period of Availability: To remain available through September 30, 2026.

Funding Mechanism: Loan Guarantees

New or Existing Program: Existing

Eligible Recipients: States, Counties, Cities / Townships, Special Districts, Tribal Governments (federally recognized), Tribal Governments (other than federally recognized), Independent School Districts, Public Higher-Ed Institutions, Private Higher-Ed Institutions, Public Housing Authorities, Indian Housing Authorities, Nonprofits with 501(c)(3) status, Nonprofits without 501(c)(3) status, Small Businesses, Businesses (other than small businesses)

Tribal Eligibility: Yes

Eligible Uses: Undergoing rulemaking process to define eligible uses. Innovation requirement applies absent State Energy Financing Institution exemption.

Cost Share Requirements: N/A. Loan guarantee cannot exceed 80% of eligible project costs.

Formula Funding: No

SAM.gov Assistance Listing: 81.126



Energy Infrastructure Reinvestment Financing

Federal Agency: Department of Energy
Bureau or Office: Loan Programs Office

IRA Statutory Location: 50144

Program Description: To guarantee loans to projects that retool, repower, repurpose, or replace energy infrastructure that has ceased operations or that enable operating energy infrastructure to avoid, reduce, utilize, or sequester air pollutants or anthropogenic emissions of greenhouse gases. IRA places a total cap on loan guarantees of up to \$250 billion and appropriates \$5 billion in credit subsidy to support these loans under section 1706 of the Energy Policy Act of 2005.

Funding Amount: \$5,000,000,000

Period of Availability: To remain available through September 30, 2026.

Funding Mechanism: Loan Guarantees

New or Existing Program: New

Eligible Recipients: Program design and rulemaking is underway to refine definition of eligible recipients. Anticipated: States, Counties, Cities / Townships, Special Districts, Tribal Governments (federally recognized), Tribal Governments (other than federally recognized), Independent School Districts, Public Higher-Ed Institutions, Private Higher-Ed Institutions, Public Housing Authorities, Indian Housing Authorities, Nonprofits with 501(c)(3) status, Nonprofits without 501(c)(3) status, Small Businesses, Businesses (other than small businesses)

Tribal Eligibility: Yes

Eligible Uses: Projects that retool, repower, repurpose, or replace energy infrastructure that has ceased operations, or enable operating energy infrastructure to avoid, reduce, utilize, or sequester air pollutants or anthropogenic emissions of greenhouse gases. Potential projects could include repurposing shuttered fossil energy facilities for clean energy production, retooling infrastructure from power plants that have ceased operations for new clean energy uses, or updating operating energy infrastructure with emissions control technologies, including carbon capture, utilization, and storage (CCUS).

Cost Share Requirements: N/A. Loan limits to be established via rulemaking.

Formula Funding: No

SAM.gov Assistance Listing: TBD



Availability of High-Assay Low-Enriched Uranium (HALEU)

Federal Agency: Department of Energy

Bureau or Office: Office of Nuclear Energy

IRA Statutory Location: 50173

Program Description: To support the High-Assay Low-Enriched Uranium (HALEU) Availability Program activities directed in section 2001 of the Energy Act of 2020, including supporting the establishment of a diverse, market-based supply chain for HALEU. The HALEU Availability Program is essential to the demonstration and commercial deployment of advanced reactors, including two demonstration projects that received approximately \$2.5 billion in funding through the Bipartisan Infrastructure Law.

Funding Amount: \$700,000,000

Period of Availability: To remain available through September 30, 2026.

Funding Mechanism: Grants, Contracts

New or Existing Program: Existing

Eligible Recipients: States, Counties, Cities / Townships, Special Districts, Tribal Governments (federally recognized), Tribal Governments (other than federally recognized), Independent School Districts, Public Higher-Ed Institutions, Private Higher-Ed Institutions, Public Housing Authorities, Indian Housing Authorities, Nonprofits with 501(c)(3) status, Nonprofits - without 501(c)(3) status, Small Businesses, Businesses (other than small businesses), and/or individuals.

Tribal Eligibility: Yes

Eligible Uses: Acquisition of HALEU, activities that support transportation of HALEU, and activities to support the availability of high-assay low-enriched uranium for civilian domestic research, development, demonstration, and commercial use.

Cost Share Requirements: Between 20%-50% on the financial assistance/grant depending on developmental or demonstration driven by the Energy Act of 2005. \$200 million of the \$700 million is well suited for cost-shared financial assistance.

Formula Funding: No

SAM.gov Assistance Listing: 81.009



Electric Loans for Renewable Energy

Federal Agency: Department of Agriculture
Bureau or Office: Rural Utilities Service

IRA Statutory Location: 22001

Program Description: To finance the construction of electric distribution, transmission, and generation facilities, including system improvements and replacements required to furnish and improve electric service in rural areas, as well as demand side management, energy conservation programs, and on-grid and off-grid renewable energy systems.

Funding Amount: \$1,000,000,000

Period of Availability: To remain available until September 30, 2031.

Funding Mechanism: Loans, Loan Forgiveness

New or Existing Program: Existing

Eligible Recipients: State and local governmental entities; Federally-recognized Tribes; Nonprofits, including cooperatives and limited dividend or mutual associations; For-profit businesses (must be a corporation or limited liability company)

Tribal Eligibility: Yes

Eligible Uses: For cost of loan projects under Section 317 of the Rural Electrification Act of 1936 (7 U.S.C. 940g) for facilities that generate renewable electricity (from solar, wind, hydropower, biomass, or geothermal source) for resale to rural and nonrural residents. Includes projects that store electricity in support of 317 loan projects.

Cost Share Requirements: Up to 50%, but may be waived at the discretion of the Secretary.

Formula Funding: No

SAM.gov Assistance Listing: 10.859



USDA Assistance for Rural Electric Cooperatives

Federal Agency: Department of Agriculture
Bureau or Office: Rural Utilities Service

IRA Statutory Location: 22004

Program Description: To fund the construction of electric distribution, transmission, and generation facilities for rural electric cooperatives, including system improvements and replacements that achieve the greatest reduction in carbon dioxide, methane, and nitrous oxide emissions in rural areas, as well as demand side management, energy conservation programs, and on-grid and off-grid renewable energy systems.

Funding Amount: \$9,700,000,000

Period of Availability: To remain available until September 30, 2031.

Funding Mechanism: Loans, modifications of loans, the cost of loans and modifications, and other financial assistance (including grants)

New or Existing Program: New

Eligible Recipients: Electric cooperatives that are or have been Rural Utilities Service borrowers; electric cooperatives serving a predominantly rural area; or a wholly or jointly owned subsidiary of such cooperatives.

Tribal Eligibility: Yes

Eligible Uses: Loans, modifications of loans (including debt relief), and other financial assistance (including grants) to achieve the greatest reduction in carbon dioxide, methane, and nitrous oxide emissions associated with rural electric systems through the purchase of renewable energy, renewable energy systems, zero-emission systems, and carbon capture and storage systems, to deploy such systems, or to make energy efficiency improvements to electric generation and transmission systems of the eligible entity.

Cost Share Requirements: Varies, depending on product

Formula Funding: No

SAM.gov Assistance Listing: 10.859



Fueling Aviation's Sustainable Transition through Sustainable Aviation Fuels (FAST-SAF)

Federal Agency: Department of Transportation
Bureau or Office: Federal Aviation Administration

IRA Statutory Location: 40007(a)(1)

Program Description: To provide grant funding for eligible entities to carry out projects relating to the production, transportation, blending, or storage of sustainable aviation fuel (SAF), with the goal of accelerating the production and use of sustainable aviation fuel and reducing greenhouse gas emissions from the aviation sector.

Funding Amount: \$244,530,000

Period of Availability: Available until September 30, 2026.

Funding Mechanism: Grants

New or Existing Program: New

Eligible Recipients: (1) a state or local government, including the District of Columbia, other than an airport sponsor; (2) an air carrier; (3) an airport sponsor; (4) an accredited institution of higher education; (5) a research institution; (6) a person or entity engaged in the production, transportation, blending, or storage of SAF in the United States or feedstocks in the United States that could be used to produce SAF; (7) a person or entity engaged in the development, demonstration, or application of low-emission aviation technologies; or (8) nonprofit entities or nonprofit consortia with experience in SAF, low-emission aviation technologies, or other clean transportation research programs.

Tribal Eligibility: Yes. Tribal government entities within the definition of eligible state or local units. Tribal government acting as a nonprofit agency operating under state or local auspices.

Eligible Uses: (1) Grants to enable exploration and identification of supply chains, infrastructure, and distribution needs by key proponents; and (2) Grants for infrastructure projects to facilitate and scale fuel production, transportation, blending, storage, and use of SAF.

Cost Share Requirements: The federal share of the cost of a project shall be 75% of the total proposed cost of the project, except that such federal share shall increase to 90% of the total proposed cost of the project if the eligible entity is a small hub airport or nonhub airport, as such terms are defined in section 47102 of title 49, United States Code.

Formula Funding: No

SAM.gov Assistance Listing: TBD



Fueling Aviation's Sustainable Transition – Technology (FAST-Tech)

Federal Agency: Department of Transportation
Bureau or Office: Federal Aviation Administration

IRA Statutory Location: 40007(a)(2)

Program Description: To provide grant funding for eligible entities to carry out projects that develop, demonstrate, or apply low-emission aviation technologies, which are technologies that significantly improve aircraft fuel efficiency or reduce greenhouse gas emissions during the operation of civil aircraft.

Funding Amount: \$46,530,000

Period of Availability: Available until September 30, 2026.

Funding Mechanism: Grants

New or Existing Program: New

Eligible Recipients: (1) a state or local government, including the District of Columbia, other than an airport sponsor; (2) an air carrier; (3) an airport sponsor; (4) an accredited institution of higher education; (5) a research institution; (6) a person or entity engaged in the production, transportation, blending, or storage of SAF in the United States or feedstocks in the United States that could be used to produce SAF; (7) a person or entity engaged in the development, demonstration, or application of low-emission aviation technologies; or (8) nonprofit entities or nonprofit consortia with experience in sustainable aviation fuels, low-emission aviation technologies, or other clean transportation research programs.

Tribal Eligibility: Yes. Tribal government entities within the definition of eligible state or local units. Tribal government acting as a nonprofit agency operating under state or local auspices.

Eligible Uses: (1) Designing, prototyping, and testing of discrete low emission aviation technologies; and (2) Enhancing aircraft and engine technology testing and demonstration capabilities to accelerate development and demonstration of a broad range of low-emission aircraft technologies.

Cost Share Requirements: The federal share of the cost of a project shall be 75% of the total proposed cost of the project, except that such federal share shall increase to 90% of the total proposed cost of the project if the eligible entity is a small hub airport or nonhub airport, as such terms are defined in section 47102 of title 49, United States Code.

Formula Funding: No

SAM.gov Assistance Listing: TBD



Methane Emissions Reduction Program

Federal Agency: Environmental Protection Agency

Bureau or Office: Office of Air and Radiation

IRA Statutory Location: 60113

Program Description: To provide financial and technical assistance to accelerate the reduction of methane and other greenhouse gas emissions from petroleum and natural gas systems. The statute also establishes a waste emissions charge for applicable facilities that report more than 25,000 metric tons of CO₂ equivalent per year (to the petroleum and natural gas systems source category of the Greenhouse Gas Reporting Program) and that exceed statutorily specified waste emissions thresholds.

Funding Amount: \$1,550,000,000

Period of Availability: To remain available until September 30, 2028

Funding Mechanism: Grants, rebates, contracts, and other activities

New or Existing Program: New

Eligible Recipients: States, Counties, Cities/Townships, Special Districts, Territories, Tribal Governments (federally recognized), Tribal Governments (other than federally recognized), Public Higher Education Institutions, Private Higher Education Institutions, Nonprofits with 501(c)(3) status, Nonprofits without 501(c)(3) Status, Small Businesses, Businesses (other than small businesses), and Individuals

Tribal Eligibility: Yes

Eligible Uses: To provide funding for financial and technical assistance for preparing and submitting greenhouse gas reports, monitoring methane emissions, and reducing methane and other greenhouse gas emissions from petroleum and natural gas systems, including improving and deploying equipment to reduce emissions, supporting innovation, permanently shutting in and plugging wells, mitigating health effects in low-income and disadvantaged communities, improving climate resiliency, and supporting environmental restoration.

Cost Share Requirements: No

Formula Funding: No

SAM.gov Assistance Listing: TBD



Implementation of the American Innovation and Manufacturing Act

Federal Agency: Environmental Protection Agency

Bureau or Office: Office of Air and Radiation

IRA Statutory Location: 60109

Program Description: To fund EPA’s implementation of the American Innovation and Manufacturing (AIM) Act, a bipartisan law to phase down the production and consumption of listed hydrofluorocarbons (HFCs), maximize reclamation and minimize releases from equipment, and facilitate the transition to next-generation technologies through sector-based restrictions.

Funding Amount: \$38,500,000

Period of Availability: To remain available until September 30, 2026

Funding Mechanism: Competitive grants and direct federal spending

New or Existing Program: New (grant program) and Existing (direct federal spending)

Eligible Recipients: For the grant program only: States, Counties, Cities/Townships, Public Higher Education Institutions, Private Higher Education Institutions, Nonprofits with 501(c)(3) status, Nonprofits without 501(c)(3) status, Small Businesses, Businesses (other than small businesses), and Individuals

Tribal Eligibility: Yes

Eligible Uses: (1) Provide funding for EPA for AIM Act implementation to carry out subsections (a) through (i) and subsection (k) of the statute; (2) To deploy new implementation and compliance tools to carry out subsections (a) through (i) and subsection (k) of the statute; (3) For competitive grants for reclaim and innovative destruction technologies under subsections (a) through (i) and subsection (k) of the statute.

Cost Share Requirements: No

Formula Funding: No

SAM.gov Assistance Listing: TBD



Environmental and Climate Justice Block Grants

Federal Agency: Environmental Protection Agency

Bureau or Office: Office of Environmental Justice and External Civil Rights

IRA Statutory Location: 60201

Program Description: To provide grants and technical assistance to community-based organizations, alone or in partnerships, to reduce indoor and outdoor air pollution, including greenhouse gases; monitor for pollution; improve community resilience to the impacts of climate change, including extreme heat and wildfire; and build the capacity of these organizations to engage with state and federal decision-making processes.

Funding Amount: \$3,000,000,000

Period of Availability: To remain available through September 30, 2026.

Funding Mechanism: Primarily competitive grants, with potentially a limited number of noncompetitive grants and contract support.

New or Existing Program: New and Existing

Eligible Recipients: (1) A community-based nonprofit organization; (2) A partnership of community-based nonprofit organizations; or (3) A partnership between a community-based nonprofit organization and an Indian Tribe, local government, or an institution of higher education.

Tribal Eligibility: Yes

Eligible Uses: (1) Community-led air and other pollution monitoring, prevention, and remediation, and investments in low- and zero-emission and resilient technologies and related infrastructure and workforce development that help reduce greenhouse gas emissions and other air pollutants; (2) Mitigating climate and health risks from urban heat islands, extreme heat, wood heater emissions, and wildfire events; (3) Climate resiliency and adaptation; (4) Reducing indoor toxics and indoor air pollution; or (5) Facilitating engagement of disadvantaged communities in state and federal advisory groups, workshops, rulemakings, and other public processes

Cost Share Requirements: No

Formula Funding: No

SAM.gov Assistance Listing: 66.614; others still to be developed; some existing ones will be revised.



Climate Pollution Reduction Grants

Federal Agency: Environmental Protection Agency
Bureau or Office: Office of Air and Radiation

IRA Statutory Location: 60114

Program Description: To provide grants to Tribes, states, air pollution control agencies, and local governments to develop and implement plans for reducing greenhouse gas emissions.

Funding Amount: \$5,000,000,000. Includes \$250,000,000 for planning grants and \$4,750,000,000 for implementation grants.

Period of Availability: Planning grant funds to remain available until September 30, 2031. EPA must publish the planning grant funding availability by May 13, 2023 (270 days after enactment). Implementation grant funds to remain available until September 30, 2026.

Funding Mechanism: Grants

New or Existing Program: New

Eligible Recipients:

For planning grants: States, Territories, District of Columbia; air pollution control agencies; municipalities; Tribes; or groups of such eligible entities.

For implementation grants: Those states, territories, District of Columbia; air pollution control agencies; municipalities; Tribes; or groups of such eligible entities that are covered by a plan developed with funding from a planning grant awarded under this section.

Tribal Eligibility: Yes

Eligible Uses: To develop and implement plans for reducing greenhouse gas air pollution.

Cost Share Requirements: No

Formula Funding: TBD

[SAM.gov Assistance Listing:](#) TBD



Neighborhood Access and Equity Grant Program

Federal Agency: Department of Transportation
Bureau or Office: Federal Highway Administration

IRA Statutory Location: 60501

Program Description: To award competitive grants for context-sensitive projects that improve walkability and safety and provide affordable transportation access; to mitigate or remediate negative impacts on the human or natural environment in disadvantaged communities from a surface transportation facility; and for planning and capacity building activities in disadvantaged or underserved communities.

Funding Amount: \$3,205,000,000

Period of Availability: Available until September 30, 2026.

Funding Mechanism: Competitive Grant Program

New or Existing Program: New

Eligible Recipients: (1) A state, unit of local government, political subdivision of a state, MPO, or U.S. territory; (2) Federally recognized Indian Tribe; (3) A special purpose district or public authority with a transportation function; or (4) A non-profit organization or institution of higher education that partners with an eligible entity described above to compete for grants for planning and capacity building activities in disadvantaged or underserved communities.

Tribal Eligibility: Yes

Eligible Uses: Grants to implement context-sensitive projects that improve walkability and safety and provide affordable transportation access; mitigate or remediate negative impacts on the human or natural environment from a surface transportation facility in a disadvantaged or underserved community; and to implement planning and capacity building activities in disadvantaged or underserved communities. Other eligible activities include the provision of guidance, technical assistance, templates, training, or tools to facilitate efficient and effective contracting, design, and project delivery by units of local government; and subgrants to units of local governments to build capacity to assume responsibilities to deliver surface transportation projects. Funds cannot be used to add capacity for single-occupant passenger vehicles. Of the \$3.205 billion appropriated, \$1.262 billion is reserved for economically disadvantaged communities, and \$50 million is reserved for technical assistance.

Cost Share Requirements: The federal share shall not be more than 80%, unless the project is in a disadvantaged community.

Formula Funding: No

SAM.gov Assistance Listing: TBD



Clean Heavy-Duty Vehicles

Federal Agency: Environmental Protection Agency
Bureau or Office: Office of Air and Radiation

IRA Statutory Location: 60101

Program Description: To provide funding to offset the costs of replacing heavy-duty Class 6 and 7 commercial vehicles with zero-emission vehicles; deploying infrastructure needed to charge, fuel, or maintain these zero-emission vehicles; and developing and training the necessary workforce.

Funding Amount: \$1,000,000,000

Period of Availability: To remain available until September 30, 2031.

Funding Mechanism: Competitive grants and rebates

New or Existing Program: New

Eligible Recipients: (1) a state; (2) a municipality; (3) an Indian Tribe; (4) a nonprofit school transportation association. The Clean Air Act defines “state” to mean a state, the District of Columbia, the Commonwealth of Puerto Rico, the Virgin Islands, Guam, and American Samoa and includes the Commonwealth of the Northern Mariana Islands.

Tribal Eligibility: Yes

Eligible Uses: Program covers up to 100 percent of costs for (1) incremental cost of replacing an existing heavy-duty vehicle with a zero-emission vehicle; (2) purchasing and operating associated infrastructure; (3) workforce development and training; (4) planning and technical activities.

Cost Share Requirements: TBD

Formula Funding: No

SAM.gov Assistance Listing: TBD



Funding to Address Air Pollution at Schools

Federal Agency: Environmental Protection Agency

Bureau or Office: Office of Air and Radiation

IRA Statutory Location: 60106

Program Description: To provide funding for grants and other activities to monitor and reduce pollution and greenhouse gas emissions at schools in low-income and disadvantaged communities. To provide technical assistance to schools in low-income and disadvantaged communities to develop school air and environmental quality plans and to identify and mitigate ongoing air pollution hazards.

Funding Amount: \$50,000,000

Period of Availability: To remain available until September 30, 2031

Funding Mechanism: Competitive grants and technical assistance

New or Existing Program: New

Eligible Recipients: State, local, Tribal agencies, not for profit organizations and others for projects supporting schools in low-income and disadvantaged communities. The Clean Air Act defines “state” to mean a state, the District of Columbia, the Commonwealth of Puerto Rico, the Virgin Islands, Guam, and American Samoa and includes the Commonwealth of the Northern Mariana Islands.

Tribal Eligibility: Yes

Eligible Uses: (1) To address environmental issues affecting air quality in schools; (2) To develop school air and environmental quality plans that include standards for school building, design, construction, or renovation; (3) To identify and mitigate ongoing air pollution hazards in schools; (4) To provide technical assistance addressing air quality to schools in low-income and disadvantaged communities.

Cost Share Requirements: No

Formula Funding: No

[SAM.gov Assistance Listing:](#) 66.034



Funding to Address Air Pollution: Clean Air Act Grants

Federal Agency: Environmental Protection Agency

Bureau or Office: Office of Air and Radiation

IRA Statutory Location: 60105(f)

Program Description: To provide general funding for EPA’s Clean Air Act research, development, planning, and grants program.

Funding Amount: \$25,000,000

Period of Availability: To remain available until September 30, 2031

Funding Mechanism: Grants

New or Existing Program: Existing

Eligible Recipients: Air pollution control agencies as defined by the Clean Air Act, which includes states, local governments, and Tribal agencies responsible for the control of air pollution. The Clean Air Act defines “state” to mean a state, the District of Columbia, the Commonwealth of Puerto Rico, the Virgin Islands, Guam, and American Samoa and includes the Commonwealth of the Northern Mariana Islands.

Tribal Eligibility: Yes

Eligible Uses: For EPA’s Clean Air Act research, development, and grants program.

Cost Share Requirements: No

Formula Funding: TBD

SAM.gov Assistance Listing: 66.034



Funding to Address Air Pollution: Fenceline Air Monitoring

Federal Agency: Environmental Protection Agency

Bureau or Office: Office of Air and Radiation

IRA Statutory Location: 60105(a)

Program Description: EPA’s National Air Monitoring Program will use this funding to enhance and extend community air monitoring at or near the fenceline by developing and refining air toxics monitoring methods including appropriate fenceline monitoring approaches; building and enhancing capacity to conduct short term monitoring for local pollutant concerns; and expanding the nation’s criteria and air toxics monitoring capabilities.

Funding Amount: \$117,500,000

Period of Availability: To remain available until September 30, 2031

Funding Mechanism: Grants and other activities

New or Existing Program: Existing

Eligible Recipients: State/local/Tribal air agencies and other public or private nonprofit institutions or organizations. The Clean Air Act defines “state” to mean a state, the District of Columbia, the Commonwealth of Puerto Rico, the Virgin Islands, Guam, and American Samoa and includes the Commonwealth of the Northern Mariana Islands.

Tribal Eligibility: Yes

Eligible Uses: To deploy, support, and maintain community and state, local, and Tribal air agency monitoring at or near the fenceline; to improve fenceline and emerging air toxics monitoring methods; to enhance mobile monitoring capabilities to address local air toxics concerns especially in low-income and disadvantaged communities and on Tribal lands; to expand national air toxics trend stations and community monitoring efforts.

Cost Share Requirements: No

Formula Funding: No

SAM.gov Assistance Listing: 66.034

Relevant Announcements: [EPA Announces \\$53 Million for Community Air Pollution Monitoring Projects](#) (11/3/2022)



Funding to Address Air Pollution: Multipollutant Monitoring

Federal Agency: Environmental Protection Agency
Bureau or Office: Office of Air and Radiation

IRA Statutory Location: 60105(b)

Program Description: EPA’s National Air Monitoring Program will provide funding to sustain, enhance, modernize, and expand the nation’s ambient air monitoring network, which will allow state, local, and Tribal air agencies to add new monitoring sites in communities; to replace aging equipment at existing sites; and to use the latest monitoring technology to improve measurement and delivery of information to the public.

Funding Amount: \$50,000,000

Period of Availability: To remain available until September 30, 2031

Funding Mechanism: Grants and other activities

New or Existing Program: Existing

Eligible Recipients: State/local/Tribal air agencies. The Clean Air Act defines “state” to mean a state, the District of Columbia, the Commonwealth of Puerto Rico, the Virgin Islands, Guam, and American Samoa and includes the Commonwealth of the Northern Mariana Islands.

Tribal Eligibility: Yes

Eligible Uses: To expand the national ambient air quality monitoring network through establishment of new, additional multipollutant monitoring stations; to upgrade existing air quality monitoring sites via replacement, repair, operation, and maintenance of monitors and other equipment.

Cost Share Requirements: No

Formula Funding: No

SAM.gov Assistance Listing: 66.034



Funding to Address Air Pollution: Air Quality Sensors in Low-Income and Disadvantaged Communities

Federal Agency: Environmental Protection Agency
Bureau or Office: Office of Air and Radiation

IRA Statutory Location: 60105(c)

Program Description: EPA’s National Air Monitoring Program will provide funding to make air quality sensor technology available to low-income and disadvantaged communities, helping them to inexpensively screen for certain air pollutants.

Funding Amount: \$3,000,000

Period of Availability: To remain available until September 30, 2031

Funding Mechanism: Grants and other activities

New or Existing Program: Existing

Eligible Recipients: State/local/Tribal air agencies and other public or private nonprofit institutions or organizations. The Clean Air Act defines “state” to mean a state, the District of Columbia, the Commonwealth of Puerto Rico, the Virgin Islands, Guam, and American Samoa and includes the Commonwealth of the Northern Mariana Islands.

Tribal Eligibility: Yes

Eligible Uses: To purchase, deploy, integrate, and operate air quality sensors in low-income and disadvantaged communities and on Tribal lands; to support the EPA Regional Sensor Loan program.

Cost Share Requirements: No

Formula Funding: No

SAM.gov Assistance Listing: 66.034



Funding to Address Air Pollution: Methane Monitoring

Federal Agency: Environmental Protection Agency
Bureau or Office: Office of Air and Radiation

IRA Statutory Location: 60105(e)

Program Description: To provide funding to monitor methane emissions from significant sources not covered by other parts of the Inflation Reduction Act: flaring and fugitive sources.

Funding Amount: \$20,000,000

Period of Availability: To remain available until September 30, 2031

Funding Mechanism: Grants and other activities

New or Existing Program: Existing

Eligible Recipients: State/local/Tribal air agencies. The Clean Air Act defines “state” to mean a state, the District of Columbia, the Commonwealth of Puerto Rico, the Virgin Islands, Guam, and American Samoa and includes the Commonwealth of the Northern Mariana Islands.

Tribal Eligibility: Yes

Eligible Uses: To enhance and expand the method development of new technologies capable of real time flare measurement and monitoring; to develop methods to measure fugitive sources of methane (e.g., landfills); to provide grants to state, local, and Tribal air agencies to develop methane monitoring capabilities to determine effectiveness of emission mitigation efforts.

Cost Share Requirements: No

Formula Funding: No

SAM.gov Assistance Listing: 66.034



Energy Efficiency Home Improvement Credit

Federal Agency: Department of the Treasury

IRA Statutory Location: 13301

Tax Code Location: 26 U.S. Code § 25C

Tax Provision Description: Provides a tax credit for energy-efficiency improvements of residential homes.

Period of Availability: 2022-2032

Tax Mechanism: Consumer tax credit

New or Modified Provision: Modified and extended. Credit rate increased from 10% to 30%. Eligibility and standards are modified. \$500/per taxpayer lifetime limit eliminated and replaced with increased annual limits.

Eligible Recipients: Homeowners; renters for certain improvements

Tribal Eligibility: Yes

Base Credit Amount: 30% of cost, with limits for each type of improvement and total per year. Credit capped at \$600 for “energy property,” e.g. efficient heating and cooling equipment; \$600 for windows; \$250 per door, \$500 total for doors; \$2,000 for heat pumps. Total annual credit capped at \$1,200, with a separate annual \$2,000 limit for heat pumps. \$150 credit for home energy audits.

Bonus Credit Amount: None

Direct Pay Eligibility: No

Transferability: No

Stackability: No rules

Relevant Announcements: [Request for Comments on Incentive Provisions for Improving the Energy Efficiency of Residential and Commercial Buildings](#)
(10/5/2022)



Assistance for Latest and Zero Building Energy Code Adoption

Federal Agency: Department of Energy

Bureau or Office: Office of State and Community Energy Programs

IRA Statutory Location: 50131

Program Description: To provide grants to states or units of local government to adopt updated building energy codes, including the zero energy code.

Funding Amount: \$1,000,000,000

Period of Availability: To remain available through September 30, 2029.

Funding Mechanism: Grants

New or Existing Program: New

Eligible Recipients: States and local government with authority to adopt building codes.

Tribal Eligibility: No

Eligible Uses: Grants to assist states and units of local government that have authority to adopt and implement building codes to (1) adopt codes for residential buildings that meet or exceed the 2021 International Energy Conservation Code; and/or (2) adopt a building energy code for commercial buildings that meet or exceed the ANSI/ASHRAE/IES Standard 90.1–2019.

Cost Share Requirements: No

Formula Funding: No

SAM.gov Assistance Listing: TBD



Low-Carbon Transportation Materials Program

Federal Agency: Department of Transportation
Bureau or Office: Federal Highway Administration

IRA Statutory Location: 60506

Program Description: To reimburse or provide incentives to eligible recipients for the use of low-embodied carbon construction materials and products in federally-funded highway projects.

Funding Amount: \$2,000,000,000

Period of Availability: Available until September 30, 2026.

Funding Mechanism: Direct Federal Spending

New or Existing Program: New

Eligible Recipients: (1) A state, unit of local government, political subdivision of a state, MPO, or U.S. territory; (2) Federally recognized Indian Tribe; (3) A special purpose district or public authority with a transportation function; or (4) Federal Land Management Agencies.

Tribal Eligibility: Yes

Eligible Uses: To reimburse or provide incentives to eligible recipients for the use, in projects, of construction materials and products that have substantially lower levels of embodied greenhouse gas emissions associated with all relevant stages of production, use, and disposal as compared to estimated industry averages of similar material or products.

Cost Share Requirements: The total federal share payable for the project for which the reimbursement or incentive is provided shall be up to 100%.

Formula Funding: No

SAM.gov Assistance Listing: N/A



Regional Conservation Partnership Program (RCPP)

Federal Agency: Department of Agriculture

Bureau or Office: Natural Resources Conservation Service

IRA Statutory Location: 21001(a)(4)

Program Description: To support the Regional Conservation Partnership Program (RCPP), a partner-driven approach to conservation that funds solutions to natural resource challenges on agricultural land by leveraging collective resources and collaborating to implement natural resource conservation activities.

Funding Amount: \$4,950,000,000

Period of Availability: To remain available until September 30, 2031.

Funding Mechanism: Cooperative Agreements, Grants, Contracts

New or Existing Program: Existing

Eligible Recipients: Native American Organizations, Farmer/Rancher/Agriculture Producer, Land/Property Owner, State/Local Sponsored Organization, Federally Recognized Indian Tribal Governments. Producers in an approved partner project area who have priority resource concerns related to soil, water, and related natural resources, or who need assistance with complying with federal and state environment laws. A participant may be an owner, landlord, operator, or tenant of eligible agricultural lands or non-industrial forestlands. Limited resource producers, small-scale producers, social disadvantaged individuals, federally recognized Indian Tribal governments, Alaska natives, and Pacific Islanders are encouraged to apply.

Tribal Eligibility: Yes

Eligible Uses: RCPP projects may include a range of on-the-ground conservation activities implemented by farmers, ranchers, and forest landowners such as land management, improvement, and restoration practices; land rentals; and entity-held and U.S.-held easements. This funding will prioritize partnerships that support implementation of conservation projects that directly improve soil carbon, reduce nitrogen losses, or reduce, capture, avoid, or sequester carbon dioxide, methane, or nitrous oxide emissions associated with agricultural production.

Cost Share Requirements: Varies

Formula Funding: No

SAM.gov Assistance Listing: 10.932

Relevant Announcements: [USDA Requests Public Input on Implementation of Inflation Reduction Act Funding \(11/17/2022\)](#)



Increasing Land, Capital, and Market Access (Increasing Land Access) Program

Federal Agency: Department of Agriculture
Bureau or Office: Farm Service Agency

IRA Statutory Location: 22007

Program Description: To help underserved producers by increasing land, capital, and market access. The program funds cooperative agreements or grants for projects that help move underserved producers from surviving to thriving.

Funding Amount: \$250,000,000

Period of Availability: To remain available until September 30, 2031.

Funding Mechanism: Grants, Cooperative Agreements

New or Existing Program: New

Eligible Recipients: Government entities from local to Tribal, not-for-profit educational institutions, and non-profit organizations. The non-profit organizations can include Community Development Financial Institutions, foundations, and Tribal financial institutions with a 501(c)(3) status.

Tribal Eligibility: Yes

Eligible Uses: Projects to improve land access (including heirs' property and fractionated land issues) for underserved farmers, ranchers, and forest landowners, including veterans, limited resource producers, beginning farmers and ranchers, and farmers, ranchers, and forest landowners living in high poverty areas.

Cost Share Requirements: No

Formula Funding: No

SAM.gov Assistance Listing: 10.968



Urban and Community Forestry Assistance Program

Federal Agency: Department of Agriculture
Bureau or Office: Forest Service

IRA Statutory Location: 23003(a)(2)

Program Description: To provide grants through the Urban and Community Forestry Assistance Program for tree planting and related activities.

Funding Amount: \$1,500,000,000

Period of Availability: To remain available until September 30, 2031.

Funding Mechanism: Grants

New or Existing Program: Existing

Eligible Recipients: A state agency, a local governmental entity, an agency or governmental entity of the District of Columbia, an agency or governmental entity of an insular area (as defined in section 1404 of the National Agricultural Research, Extension, and Teaching Policy Act of 1977 (7 U.S.C. 3103)), an Indian Tribe, or a nonprofit organization.

Tribal Eligibility: Yes

Eligible Uses: Tree planting and related activities

Cost Share Requirements: 50%, but any non-federal cost-share requirement otherwise applicable to projects carried out under this section may be waived at the discretion of the Secretary.

Formula Funding: No

SAM.gov Assistance Listing: 10.675



Endangered Species Act Recovery Plans

Federal Agency: Department of the Interior
Bureau or Office: U.S. Fish and Wildlife Service

IRA Statutory Location: 60301

Program Description: To develop Species Status Assessments (foundational information and analysis for recovery planning) and recovery plans for listed species and to conduct recovery implementation actions.

Funding Amount: \$125,000,000

Period of Availability: To remain available until expended.

Funding Mechanism: Grants, Cooperative Agreements, Direct Federal Spending

New or Existing Program: Existing

Eligible Recipients: States, Local Governments, Tribes, Private Landowners

Tribal Eligibility: Yes

Eligible Uses: Writing and updating recovery plans and implementing recovery actions for threatened and endangered species.

Cost Share Requirements: N/A

Formula Funding: No

SAM.gov Assistance Listing: 15.657



Investing in Coastal Communities and Climate Resilience

Federal Agency: Department of Commerce

Bureau or Office: National Oceanic and Atmospheric Administration

IRA Statutory Location: 40001

Program Description: To support coastal resilience, coastal communities, and conservation, restoration, and protection of coastal and marine habitat and resources, including fisheries.

Funding Amount: \$2,600,000,000

Period of Availability: To remain available until September 30, 2026

Funding Mechanism: Direct federal spending, contracts, grants, cooperative agreements, or technical assistance

New or Existing Program: Existing

Eligible Recipients: Coastal states (as defined in the Coastal Zone Management Act), the District of Columbia, Tribal governments, nonprofit organizations, local governments, and institutions of higher education.

Tribal Eligibility: Yes

Eligible Uses: Conservation, restoration, and protection of coastal and marine habitats and resources, including fisheries, to enable coastal communities to prepare for extreme storms and other changing climate conditions, and for projects that support natural resources that sustain coastal and marine resource dependent communities, and for related administrative expenses.

Cost Share Requirements: TBD

Formula Funding: TBD

SAM.gov Assistance Listing: TBD