Matching Vulnerabilities and Impacts to Resources

The passage of the <u>Inflation Reduction Act</u> (IRA) in 2022 and the <u>Infrastructure Investment and</u> <u>Jobs Act</u> (IIJA) in 2021 marks a historic level of federal investment in measures to help the United States meet its goal of reducing U.S. greenhouse gas emissions by 50% or more by 2030 (compared to 2005) levels and improve the infrastructure, health, equity, and resilience of American communities. In addition, the <u>Justice 40 Initiative</u> is a whole-of-government initiative to ensure that 40% of the overall benefits of certain federal investments flow to disadvantaged communities that are marginalized, underserved, and overburdened by pollution.

Below you will find a comprehensive list of current and forthcoming IRA, IIJA, and Justice 40related resources that can help communities plan, prepare, and adapt to climate change.

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Additional Region-Specific Funding

Funding Trackers and Guides

For Researchers

Baseline Vulnerability – Health

Brownfield Grant Funding

Provides direct funding for brownfields assessment, cleanup, revolving loans, environmental job training, technical assistance, training, and research.

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Brownfield Job Training Grants

Recruits, trains, and places local, unemployed and under-employed residents with the skills needed to secure full-time employment in the environmental sector, including nonprofit organizations.

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Clean Ports Program

Provides \$3 billion to reduce air pollutants at U.S. ports by funding zero-emission port equipment and technology and helping ports develop climate action plans.

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Clean School Bus Program

Provides \$5 billion over the next five years (2022-2026) to replace existing school buses with zeroemission and low-emission models.

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Clean Water State Revolving Fund

Provides low-cost financing to communities for a wide range of water quality infrastructure projects, including municipal wastewater facilities, nonpoint source pollution control, decentralized wastewater treatment systems, stormwater runoff mitigation, green infrastructure, estuary protection, and water reuse.

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Diesel Emissions Reduction Act Program

Funds grants and rebates that protect human health and improve air quality by reducing harmful emissions from diesel engines.

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Distance Learning and Telemedicine Grants

Helps rural communities overcome the effects of remoteness and low population density by enabling them to use advanced telecommunications technology to connect to each other – and the world. Through this competitive grant application process, applicants are encouraged to consider projects that

promote equity and economic opportunity in rural America, specifically those that advance these key priorities:

- Supporting health care needs stemming from the COVID-19 pandemic and helping prepare for future pandemic events
- Ensuring racial equity
- Rebuilding our rural economy
- Addressing the climate crisis

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Drinking Water State Revolving Fund

Helps water systems and states to achieve the health protection objectives of the Safe Drinking Water Act by providing low interest loans to eligible recipients for drinking water infrastructure projects. As money is paid back into the state's revolving loan fund, the state makes new loans to other recipients.

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Environmental and Climate Justice Grants

Environmental and Climate Justice (ECJ) Grant Program

Provides \$2.8 billion for financial assistance and \$200 million for technical assistance to carry out environmental and climate justice activities to benefit underserved and overburdened communities. EPA must award grants and technical assistance under the ECJ Program by September 30, 2026.

Environmental Justice Thriving Communities Grantmaking (EJ TCGM) Program

Selects multiple grantmakers around the nation to reduce barriers to the federal grants application process communities face and increase the efficiency of the awards process for environmental justice grants. Grantmakers will design competitive application and submission processes, award environmental justice subgrants, implement a tracking and reporting system, provide resources and support to communities, all in collaboration with EPA's Office of Environmental Justice and External Civil Rights.

Environmental Justice Collaborative Problem-Solving (EJCPS) Cooperative Agreement Program

Provides financial assistance to eligible organizations working to address local environmental or public health issues in their communities. The program assists recipients in building collaborative partnerships with other stakeholders (e.g., local businesses and industry, local government, medical service providers, academia, etc.) to develop solutions to environmental or public health issue(s) at the community level.

Environmental Justice Government-to-Government (EJG2G) Program

Provides funding at the state, local, territorial, and tribal level to support government activities that lead to measurable environmental or public health impacts in communities disproportionately burdened by environmental harms. Model EJG2G programs should leverage existing resources to develop processes or tools that integrate environmental justice considerations into governmental decision-making at all levels. Formerly known as EPA's State Environmental Justice Cooperative Agreement Program, this program has been renamed to better reflect the spectrum of entities eligible for this funding.

Home Energy Rebate Programs

Provides \$4.3 billion to states to develop and implement a Home Owner Managing Energy Savings rebate program as well as \$4.275 billion to states and \$225 to tribes to develop and implement High-Efficiency Electric Home Rebate programs. Both programs are intended to help households save money on energy bills, upgrade to clean energy equipment, improve energy efficiency, and reduce indoor and outdoor air pollution.

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Orphan Well Site Plugging, Remediation, and Restoration Programs

Orphaned Well Site Plugging, Remediation, And Restoration Program

Provides funding from the U.S. Department of Energy's Office of Fossil Energy and Carbon Management to plug wells on federal land and issue grants to states and tribes on state, private, and tribal land.

Federal Orphaned Well Program

Led by the U.S. Department of the Interior (DOI)'s Bureau of Land Management, provides IIJA historic investments to help revitalize local economies and support jobs, while addressing environmental impacts from legacy developments. This multi-agency effort to remediate orphaned wells on federal lands includes DOI Land Management Agencies, the U.S. Forest Service, Department of Energy, Environmental Protection Agency, and the Interstate Oil & Gas Commission Compact.

Orphaned Wells on Tribal Lands

Provides up to \$150 million in federal IIJA funding for the purpose of plugging orphaned wells and remediating and reclaiming orphaned well sites on tribal lands. Tribes may seek funding to undertake the well plugging or may request that the Secretary administer the well plugging on behalf of the tribe.

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Reduction of Truck Emissions at Port Facilities Program

Provides funding to reduce truck idling and emissions at ports, including through the advancement of port electrification. Eligible uses include projects that test, evaluate, and deploy projects that reduce port-related emissions from idling trucks, including through port operations efficiency improvements.

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Renew America's Schools

Provides U.S. Department of Energy with \$500 million in IIJA funding to promote the implementation of clean energy improvements at K-12 public schools across the country, aiming to help school communities make energy upgrades that will lower utilities costs, improve indoor air quality, and foster healthier learning environments.

Renew America's Nonprofits Program

Provides U.S. Department of Energy IIJA funding for energy-efficiency improvements in the nonprofit sector to reduce carbon emissions, improve health and safety, and lower utilities costs at buildings owned and operated by 501(c)(3) nonprofits, allowing critical funds to be redirected to mission-focused work. This program is also referred to the IIJA as the Energy Efficiency Materials Pilot program.

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Sanitation Facilities Construction Program

Provides funding to build infrastructure necessary to ensure a safe supply of drinking water, reliable sewage systems, and solid waste disposal facilities. This program is responsible for the delivery of environmental engineering services and sanitation facilities to American Indians and Alaska Natives. It is administered by the Indian Health Service Division of Sanitation Facilities Construction and accomplishes its responsibilities through the allocation of available resources to the twelve Indian Health Service area offices.

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Superfund Hazardous Substance Research and Training Program

Led by the National Institute of Environmental Health Sciences, supports problem-based, solutionoriented Superfund Research Program Centers that consist of multiple, integrated projects representing both the biomedical and environmental science and engineering disciplines; as well as cores tasked with administrative (which includes research translation), data management and analysis, community engagement, research experience and training coordination, and research support functions.

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Underground Injection Control Grants

Provides funding for grants aimed at developing and implementing training programs that protect drinking water sources. The U.S. EPA's Office of Water is inviting states, tribes, and territories to submit letters of intent to indicate their interest in the new grant program.

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Baseline Vulnerability – Social & Economic

Affordable Connectivity Program

Helps ensure households can afford the broadband needed for work, school, healthcare, and more by providing a discount of up to \$30 per month toward internet service for eligible households and up to \$75 per month for households on qualifying tribal lands. Through this Federal Communications Commission benefit program, eligible households can also receive a one-time discount of up to \$100 to

purchase a laptop, desktop computer, or tablet from participating providers if they contribute more than \$10 and less than \$50 toward the purchase price.

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Building Codes Implementation for Efficiency and Resilience Program

Enables sustained, cost-effective implementation of updated building energy codes to save customers money on their energy bills through a competitive grant process.

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Building Resilient Infrastructure and Communities

Supports states, local communities, tribes, and territories as they undertake hazard mitigation projects, reducing the risks they face from disasters and natural hazards. The IIJA provides \$1 billion over five years, which is in addition to the funding the Federal Emergency Management Agency provides through setting aside up to 6% of the assistance the agency provides following major disaster declarations through the Public Assistance and Individuals and Households Program.

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Building, Training, and Assessment Centers

Provides grants to institutions of higher education to establish building training and assessment centers (BTACs) to educate and train students and building performance professionals to deploy modern building technologies to small businesses and K-12 schools. BTACs fund institutions of higher education, like community colleges and universities, to prepare a diverse and equitable workforce in order to lower the U.S. carbon footprint.

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Career Skills Training

Provides grants to pay the federal share of career skills training programs under which students concurrently receive classroom instruction and on-the-job training for the purpose of obtaining an industry-related certification to install energy efficient building technologies.

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Clean Energy Production Tax Credit and Clean Electricity Investment Credit

Replaces the traditional Clean Energy Production Tax Credit and traditional Clean Energy Investment Tax Credit with those outlined in IRA starting January 1, 2025 – applying to all generation facilities (and energy storage systems under Investment Tax Credit) that have an anticipated greenhouse gas emissions rate of zero. The credit amount is generally calculated in the same manner as described above but will be phased out as the U.S. meets greenhouse gas emission reduction targets.

Clean Vehicle Credit

The U.S. Internal Revenue Service provides <u>resources</u> on how to determine eligibility for clean vehicle credits and how to claim them:

- <u>Credits for New Electric Vehicles Purchased in 2023 or After</u>
- Credits for New Electric Vehicles Purchased in 2022 or Before
- Used Electric Vehicle Credit
- <u>Commercial Clean Vehicle Credit</u>
- <u>Clean Vehicle Credit Qualified Manufacturer Requirements</u>
- <u>Clean Vehicle Credit Dealer Requirements</u>
- Excise Tax Credits for Alternative Fuels, Biodiesel, and Renewable Diesel

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Competitive Grants for Non-Federal Forest Landowners

Provides \$550 million for competitive grants to non-federal forest landowners to help sustain healthy and resilient working forests. The funding prioritizes underserved and small forest landowners in carrying out climate mitigation and forest resilience efforts.

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Discrimination Financial Assistance Program for Farmers, Ranchers, and Forest Landowners

Provides \$2.2 billion in financial assistance for farmers who have experienced discrimination in the United States Department of Agriculture's farm lending programs.

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Energy Efficiency and Conservation Block Grant Program

Assists states, local governments, and tribes in implementing strategies to reduce energy use, cut fossil fuel emissions, and improve energy efficiency.

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Energy Infrastructure Reinvestment Program

Guarantees loans to 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.

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Emergency Food and Shelter Program

Supplements and expands ongoing work of local nonprofit and governmental social service organizations to provide shelter, food, and supportive services to individuals and families who are experiencing, or at risk of experiencing, hunger and/or homelessness. The program may also receive

funding to award to the National Board for distribution to local social service organizations that provide humanitarian relief to families and individuals encountered by the Department of Homeland Security.

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Empowering Rural America New ERA Program

Provides \$9.7 billion to help rural Americans transition to clean, affordable, and reliable energy. By reducing air and water pollution, New ERA funding improves health outcomes and lower energy costs for people in rural communities. New ERA program funding is available to member-owned rural electric cooperatives, which have been the backbone of America's rural power delivery for nearly a century.

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Federal Income Tax Credits and Incentives for Energy Efficiency

Provides federal tax credits and deductions that enable Americans to make homes and buildings more energy-efficient to help reduce energy costs while reducing demand as we transition to cleaner energy sources. Guidance is given to homeowners, home builders, and commercial building owners.

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Federal Emergency Management Agency Public Assistance Program

Provides supplemental grants to state, tribal, territorial, and local governments, and certain types of private non-profits, so communities can quickly respond to and recover from major disasters or emergencies. The U.S. Federal Emergency Management Agency also encourages protecting these damaged facilities from future events by providing assistance for hazard mitigation measures during the recovery process.

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Flood Mitigation Assistance Grant Program

Provides \$3.5 billion in Flood Mitigation Assistance grants to states, local communities, tribes, and territories over five years - \$700 million per year from 2022 to 2026. Reduces or eliminates the risk of repetitive flood damage to buildings insured under the National Flood Insurance Program.

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Green and Resilient Retrofit Program

Provides funding for direct loans and grants to fund projects that improve energy or water efficiency, enhance indoor air quality or sustainability, implement the use of zero-emission electricity generation, low-emission building materials or processes, energy storage, or building electrification strategies, or address climate resilience, of eligible Department of Housing and Urban Development (HUD)-assisted multifamily properties. There is also funding available under this provision for HUD's benchmarking initiative that will finance Energy and Water benchmarking of HUD-assisted properties to measure usage and efficiency of those properties.

Hazard Mitigation Assistance Grants

Provides funding for eligible mitigation measures that reduce disaster losses. "Hazard mitigation" is any sustainable action that reduces or eliminates long-term risk to people and property from future disasters.

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Home Efficiency Rebates

Awards grants to state energy offices to provide rebates that discount the price of energy-saving retrofits in single-family and multi-family buildings.

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Home Electrification and Appliance Rebates

Awards grants to state energy offices and tribal entities to develop and implement a high-efficiency electric home rebate program.

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Home Energy Rebate Programs

Provides \$4.3 billion to states to develop and implement a Home Owner Managing Energy Savings rebate program as well as \$4.275 billion to states and \$225 to Indian Tribes to develop and implement High-Efficiency Electric Home Rebate programs. Both programs are intended to help households save money on energy bills, upgrade to clean energy equipment, improve energy efficiency, and reduce indoor and outdoor air pollution.

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Low Income Home Energy Assistance

Provides federally funded assistance to reduce the costs associated with home energy bills, energy crises, weatherization, and minor energy-related home repairs and the risks of health and safety problems that arise from unsafe heating and cooling situations and practices.

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National Flood Insurance Program

Provides flood insurance to property owners, renters and businesses, and works with communities required to adopt and enforce floodplain management regulations that help mitigate flooding effects. Flood insurance is available to anyone living in one of the almost 23,000 participating National Flood Insurance Program communities, helping them recover faster when floodwaters recede. Homes and businesses in high-risk flood areas with mortgages from government backed lenders are required to have flood insurance.

Orphan Well Site Plugging, Remediation, and Restoration Programs

Orphaned Well Site Plugging, Remediation, And Restoration Program

Provides funding from the U.S. Department of Energy's Office of Fossil Energy and Carbon Management to plug wells on federal land and issue grants to states and tribes on state, private, and tribal land.

Federal Orphaned Well Program

Led by the U.S. Department of the Interior (DOI)'s Bureau of Land Management, provides IIJA historic investments to help revitalize local economies and support jobs, while addressing environmental impacts from legacy developments. This multi-agency effort to remediate orphaned wells on federal lands includes DOI Land Management Agencies, the U.S. Forest Service, Department of Energy, Environmental Protection Agency, and the Interstate Oil & Gas Commission Compact.

Orphaned Wells on Tribal Lands

Provides up to \$150 million in federal IIJA funding for the purpose of plugging orphaned wells and remediating and reclaiming orphaned well sites on tribal lands. Tribes may seek funding to undertake the well plugging or may request that the Secretary administer the well plugging on behalf of the tribe.

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Reconnecting Communities and Neighborhoods Program

Combines the Reconnecting Communities Pilot and Neighborhood Access and Equity programs, two major discretionary grants into one funding opportunity. The programs will:

- Prioritize disadvantaged communities;
- Improve access to daily needs such as jobs, education, healthcare, food, and recreation;
- Foster equitable development and restoration;
- Reconnect communities by removing, retrofitting, or mitigating highways or other transportation facilities that create barriers to community connectivity, including to mobility, access, or economic development.

Neighborhood Access and Equity Grant Program

Provides funds for projects that improve walkability, safety, and affordable transportation access through context-sensitive strategies and address existing transportation facilities that create barriers to community connectivity or negative impacts on the human or natural environment, especially in disadvantaged or underserved communities. The program also provides funding for planning and capacity building activities in disadvantaged or underserved communities as well as funding for technical assistance to units of local government to facilitate efficient and effective contracting, design, and project delivery and to build capacity for delivering surface transportation projects.

Reconnecting Communities Pilot Program

Provides \$1 billion in IRA funding over five years from 2022-2026. The program aims to reconnect communities by removing, retrofitting, or mitigating transportation facilities, like highways or rail lines, that create barriers to community connectivity, mobility, access, or economic development.

Residential Clean Energy Credit

Equals 30% of the costs of new, qualified clean energy property for a home installed anytime from 2022 through 2033. Individuals may be able to take the credit if they made energy-saving improvements to homes located in the United States.

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Safeguarding Tomorrow Revolving Loan Fund Program

Provides capitalization grants to states, eligible federally recognized tribes, territories, and the District of Columbia to establish revolving loan funds that provide hazard mitigation assistance for local governments to reduce risks from natural hazards and disasters.

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USDA Funds for Financially Distressed Borrowers

Provides \$3.1 billion for the U.S. Department of Agriculture (USDA) to provide relief for distressed borrowers with certain Farm Service Agency direct and guaranteed loans. The law directs USDA to expedite assistance for those borrowers whose agricultural operations are at financial risk. More information will be posted to <u>this webpage</u> as it becomes available.

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Weatherization Assistance Program

Reduces energy costs for low-income households by increasing the energy efficiency of their homes, while ensuring health and safety. It is the nation's single largest residential whole-house energy efficiency program. See <u>here</u> for more details on how to apply through your state weatherization agency.

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Baseline Vulnerability – Infrastructure

Active Transportation Infrastructure Investment Program

Supports planning and active transportation implementation (mobility options powered primarily by human energy, including bicycling and walking) at the network scale, rather than on a project-by-project basis. The Active Transportation Infrastructure Investment Program awards competitive grants to plan, design, and construct networks of safe and connected active transportation facilities that connect between destinations within a community or metropolitan region. Additionally, grants may fund projects to plan, design, and construct an active transportation spine, a facility that connects communities, metropolitan regions, or states.

Advanced Battery R&D Consortium

Provides up to \$60 million to convene major manufacturers of electric drive vehicles in the U.S., universities, National Laboratory partners, mineral and material suppliers, and other key battery stakeholders to address critical battery needs for the next phase of widescale electric vehicle commercialization.

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Advanced Energy Manufacturing and Recycling Grant Program

Provides grants to small- and medium-sized manufacturers to enable them to build new or retrofit existing manufacturing and industrial facilities to produce or recycle advanced energy products in communities where coal mines or coal power plants have closed.

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Affordable Connectivity Program

Helps ensure households can afford the broadband needed for work, school, healthcare, and more by providing a discount of up to \$30 per month toward internet service for eligible households and up to \$75 per month for households on qualifying tribal lands. Through this Federal Communications Commission benefit program, eligible households can also receive a one-time discount of up to \$100 to purchase a laptop, desktop computer, or tablet from participating providers if they contribute more than \$10 and less than \$50 toward the purchase price.

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Airport Terminal Program

Provides \$5 billion in competitive grants for airport terminal development projects that address the aging infrastructure of the nation's airports, including multimodal development. These grants will fund safe, sustainable and accessible airport terminals, on-airport rail access projects and airport-owned airport traffic control towers.

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All Stations Accessibility Program

Makes competitive funding available to assist in the financing of capital projects to repair, improve, modify, retrofit, or relocate infrastructure of stations or facilities for passenger use. Eligible activities are capital projects to upgrade the accessibility of legacy rail fixed guideway public transportation systems for people with disabilities, including those who use wheelchairs, by increasing the number of existing stations or facilities for passenger use.

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Battery Manufacturing and Recycling Grants

Provides grants to ensure that the U.S. has a viable domestic manufacturing and recycling capability to support a North American battery supply chain.

Battery Material Processing Grants

Provides grants for battery materials processing to ensure that the United States has a viable battery materials processing industry. Funds can also be used to expand domestic capabilities in battery manufacturing and enhance processing capacity.

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Bioproduct Pilot Program

Directs the USDA to partner with no less than one qualified institution to support the scale-up of sustainable bioproduct manufacturing, with the goal of providing a low-cost alternative to conventional products. Up to \$5 million is available for 2022 and 2023.

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Bridge Investment Program

Provides funding, which focuses on existing bridges, to reduce the overall number of bridges in poor condition, or in fair condition at risk of falling into poor condition. It also expands applicant eligibilities to create opportunity for all levels of government to be direct recipients of program funds. Alongside states and federal lands management agencies, metropolitan planning organizations and local and tribal governments can also apply directly to Federal Highway Administration, making it easier to advance projects at the local level that meet community needs.

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Broadband Equity, Access, and Deployment Program

Provides \$42.45 billion to expand high-speed internet access by funding planning, infrastructure deployment, and adoption programs in all 50 states, Washington D.C., Puerto Rico, the U.S. Virgin Islands, Guam, American Samoa, and the Commonwealth of the Northern Mariana Islands.

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Building Codes Implementation for Efficiency and Resilience Program

Enables sustained, cost-effective implementation of updated building energy codes to save customers money on their energy bills through a competitive grant process.

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Building, Training, and Assessment Centers

Provides grants to institutions of higher education to establish building training and assessment centers (BTACs) to educate and train students and building performance professionals to deploy modern building technologies to small businesses and K-12 schools. BTACs fund institutions of higher education,

like community colleges and universities, to prepare a diverse and equitable workforce in order to lower the U.S. carbon footprint.

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Capital Investment Grants Program

Funds transit capital investments, including heavy rail, commuter rail, light rail, streetcars, and bus rapid transit through this Federal Transit Authority discretionary grant. Federal transit law requires transit agencies seeking capital investment grant funding to complete a series of steps over several years.

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Carbon Capture Demonstration Program

Provides \$2.5 billion to develop six carbon capture facilities to significantly improve the efficiency, effectiveness, costs, emissions reductions, and environmental performance of coal and natural gas use. This program will focus on integrated carbon capture, transport, and storage technologies and infrastructure that can be readily replicated and deployed at fossil energy power plants and major industrial sources of carbon dioxide (CO2), such as cement, pulp and paper, iron and steel, and certain types of chemical production facilities.

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Carbon Dioxide Transportation Infrastructure Finance and Innovation Program

Finances projects that build shared (i.e., common carrier) transport infrastructure to move CO2 from points of capture to conversion facilities and/or storage wells. This CO2 transport infrastructure will provide economies of scale and help form an interconnected carbon management ecosystem in the United States.

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Carbon Reduction Program

Provides funds for projects designed to reduce transportation emissions, defined as CO2 emissions from on-road highway sources.

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Carbon Storage Validation and Testing Program

Establishes a program of research, development, and demonstration for carbon storage. Funds will be aimed at the development of new or expanded commercial large-scale carbon sequestration projects and associated carbon dioxide transport infrastructure, including funding for the feasibility, site characterization, permitting, and construction stages of project development.

Carbon Utilization Program

Establishes a grant program for state and local governments to procure and use products derived from captured carbon oxides. An eligible entity shall use a grant to procure and use commercial or industrial products that use or are derived from anthropogenic carbon oxides and demonstrate significant net reductions in lifecycle greenhouse gas emissions compared to incumbent technologies, processes, and products.

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Civil Nuclear Energy Program

Provides \$6 billion to owners and operators of commercial U.S. reactors that apply for certification to bid on credits to help preserve the existing U.S. reactor fleet.

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Charging and Fueling Infrastructure Grant Program

Provides funding to strategically deploy publicly accessible electric vehicle charging infrastructure and other alternative fueling infrastructure. This grant program aims to deploy electric vehicle charging and hydrogen/propane/natural gas fueling infrastructure along designated alternative fuel corridors. It also aims to install electric vehicle charging and alternative fuel in locations on public roads, schools, parks, and in publicly accessible parking facilities. Community Charging grants will prioritize rural areas and low- and moderate-income neighborhoods with low ratios of private parking or high ratios of multiunit dwellings.

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Clean Energy Demonstration Program on Current and Former Mine Land

Provides funding to demonstrate the technical and economic viability of deploying clean energy on current (operating) and former (abandoned or inactive) mine land. Up to five clean energy projects will be carried out in geographically diverse regions, at least two of which must be solar projects. These demonstration projects are expected to be replicable, providing knowledge and experience that catalyze the next generation of clean energy on mine land projects.

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Clean Heavy-Duty Vehicle Program

Provides \$1 billion to replace dirty heavy-duty vehicles with clean, zero-emission vehicles, support zeroemission vehicle infrastructure, and to train and develop workers. The U.S. Environmental Protection Agency (EPA) will be distributing this \$1 billion in funding for clean heavy-duty vehicles between now and 2031 and \$400 million will be going to communities in nonattainment areas. EPA anticipates this new funding opportunity may begin later in 2023.

Clean Hydrogen Electrolysis

Establishes a research, development, demonstration, commercialization, and deployment program for purposes of commercialization to improve the efficiency, increase the durability, and reduce the cost of producing clean hydrogen using electrolyzers.

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Clean Hydrogen Manufacturing Recycling Program

Provides federal financial assistance to advance new clean hydrogen production, processing, delivery, storage, and use equipment manufacturing technologies and techniques.

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Clean Ports Program

Provides \$3 billion to reduce air pollutants at U.S. ports by funding zero-emission port equipment and technology and helping ports develop climate action plans.

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Clean School Bus Program

Provides \$5 billion over the next five years (2022-2026) to replace existing school buses with zeroemission and low-emission models.

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Clean Vehicle Credit

The U.S. Internal Revenue Service provides <u>resources</u> on how to determine eligibility for clean vehicle credits and how to claim them:

- Credits for New Electric Vehicles Purchased in 2023 or After
- Credits for New Electric Vehicles Purchased in 2022 or Before
- Used Electric Vehicle Credit
- Commercial Clean Vehicle Credit
- <u>Clean Vehicle Credit Qualified Manufacturer Requirements</u>
- <u>Clean Vehicle Credit Dealer Requirements</u>
- Excise Tax Credits for Alternative Fuels, Biodiesel, and Renewable Diesel

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Clean Water State Revolving Fund

Provides low-cost financing to communities for a wide range of water quality infrastructure projects, including municipal wastewater facilities, nonpoint source pollution control, decentralized wastewater treatment systems, stormwater runoff mitigation, green infrastructure, estuary protection, and water reuse.

Climate Change Technical Assistance Program

Provides \$15 million for the Office of Insular Affairs to provide technical assistance for climate change planning, mitigation, adaptation, and resilience to United States Insular Areas Governments. The Insular Areas include American Samoa, the Commonwealth of the Northern Mariana Islands, Guam, Puerto Rico, and the U.S. Virgin Island. Use CFDA# 15.875

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Commercial Direct Air Capture Technology Prize Competition

Awards prizes under the prize competition to qualified direct air capture facilities for metric tons of qualified carbon dioxide captured and verified at the point of disposal, injection, or utilization.

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Consolidated Rail Infrastructure and Safety Improvements Program

Funds projects that improve the safety, efficiency, and reliability of intercity passenger and freight rail. Projects eligible for funding under this grant program include, but are not limited to: deployment of railroad safety technology; capital projects for intercity passenger rail service, except that a project is not required to be in a state rail plan; capital projects that address congestion challenges affecting rail service/reduce congestion and facilitate ridership growth along heavily traveled rail corridors/improve short-line or regional railroad infrastructure; highway-rail grade crossing improvement projects; rail line relocation and improvement projects; regional rail and corridor service development plans and environmental analyses; any project necessary to enhance multimodal connections or facilitate service integration between rail service and other modes and more.

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<u>Cybersecurity For the Energy Sector Research, Development, And Demonstration</u> Program

Supports development and deployment of advanced cyber applications, technologies, and threat collaboration efforts with the U.S. energy sector.

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Diesel Emissions Reduction Act Program

Funds grants and rebates that protect human health and improve air quality by reducing harmful emissions from diesel engines.

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Discrimination Financial Assistance Program for Farmers, Ranchers, and Forest

Landowners

Provides \$2.2 billion in financial assistance for farmers who have experienced discrimination in USDA's farm lending programs.

Distance Learning and Telemedicine Grants

Helps overcome the effects of remoteness and low population density by enabling rural communities to use advanced telecommunications technology to connect to each other – and the world. Through this competitive grant application process, applicants are encouraged to consider projects that promote equity and economic opportunity in rural America, specifically those that advance these key priorities:

- Supporting health care needs stemming from the COVID-19 pandemic and helping prepare for future pandemic events
- Ensuring racial equity
- Rebuilding our rural economy
- Addressing the climate crisis

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Drinking Water State Revolving Fund

Helps water systems and states to achieve the health protection objectives of the Safe Drinking Water Act by providing low interest loans to eligible recipients for drinking water infrastructure projects. As money is paid back into the state's revolving loan fund, the state makes new loans to other recipients.

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Drinking Water System Infrastructure Resilience and Sustainability Program

Awards grants to assist underserved, small, and disadvantaged communities to increase drinking water facility resilience to natural hazards.

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Electric or Low-Emitting Ferry Pilot Program

Provides competitive funding for projects that support the purchase of electric or low-emitting ferries and the electrification of or other reduction of emissions from existing ferries. Eligible are capital projects that include the purchase of electric or low-emitting ferry vessels that reduce emissions by using alternative fuels or on-board energy storage systems and related charging infrastructure to reduce emissions or produce zero onboard emissions under normal operation.

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Empowering Rural America New ERA Program

Provides \$9.7 billion to member-owned rural electric cooperatives to help rural Americans transition to clean, affordable, and reliable energy. By reducing air and water pollution, New ERA funding improves health outcomes and lowers energy costs for people in rural communities.

Energy Auditor Training Grant Program

Provides grants to eligible states to train individuals to conduct energy audits or surveys of commercial and residential buildings to build the clean energy workforce, save customers money on their energy bills, and reduce pollution from building energy use.

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Energy Efficiency and Conservation Block Grant Program

Assists states, local governments, and tribes in implementing strategies to reduce energy use, to reduce fossil fuel emissions, and to improve energy efficiency.

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Energy Efficiency Revolving Loan Fund Capitalization Grant Program

Provides capitalization grants to states to establish a revolving loan fund under which the state shall provide loans and grants for energy efficiency audits, upgrades, and retrofits to increase energy efficiency and improve the comfort of buildings.

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Energy Infrastructure Reinvestment Program

Guarantees loans to 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.

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Energy Sector Operational Support for Cyber Resilience Program

Designed to support a program that builds energy sector operational support for cyber resilience. Eligible uses include:

- Enhance and periodically test:
 - \circ The emergency response capabilities of the Department of Energy (DOE); and
 - The coordination of DOE with other agencies, the National Laboratories, and private industry;
- Expand cooperation of DOE with the intelligence community for energy sector-related threat collection and analysis;
- Enhance the tools of the Department and Electricity Information Sharing and Analysis Center for monitoring the status of the energy sector;
- Expand industry participation in Electricity Information Sharing and Analysis Center; and
- Provide technical assistance to small electric utilities to assess and improve cyber maturity levels and address gaps identified in the assessment.

Energy Storage Demonstration and Pilot Grant Program

Enters into agreements to carry out three energy storage system demonstration projects in the U.S.

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Enhanced Mobility of Seniors & Individuals with Disabilities

Provides formula funding to states and designated recipients to meet the transportation needs of older adults and people with disabilities when the transportation service provided is unavailable, insufficient, or inappropriate to meet these needs. Funds are apportioned based on each state's share of the population for these two groups. Formula funds are apportioned to direct recipients; for rural and small urban areas, this is the state Department of Transportation, while in large urban areas, a designated recipient is chosen by the governor.

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Environmental and Climate Justice Grants

Environmental and Climate Justice (ECJ) Grant Program

Provides \$2.8 billion for financial assistance and \$200 million for technical assistance to carry out environmental and climate justice activities to benefit underserved and overburdened communities. EPA must award grants and technical assistance under the ECJ Program by September 30, 2026.

Environmental Justice Thriving Communities Grantmaking (EJ TCGM) Program

Selects multiple grantmakers around the nation to reduce barriers to the federal grants application process communities face and increase the efficiency of the awards process for environmental justice grants. Grantmakers will design competitive application and submission processes, award environmental justice subgrants, implement a tracking and reporting system, provide resources and support to communities, all in collaboration with EPA's Office of Environmental Justice and External Civil Rights.

Environmental Justice Collaborative Problem-Solving (EJCPS) Cooperative Agreement Program

Provides financial assistance to eligible organizations working to address local environmental or public health issues in their communities. The program assists recipients in building collaborative partnerships with other stakeholders (e.g., local businesses and industry, local government, medical service providers, academia, etc.) to develop solutions to environmental or public health issue(s) at the community level.

Environmental Justice Government-to-Government (EJG2G) Program

Provides funding at the state, local, territorial, and tribal level to support government activities that lead to measurable environmental or public health impacts in communities disproportionately burdened by environmental harms. Model EJG2G programs should leverage existing resources to develop processes or tools that integrate environmental justice considerations into governmental decision-making at all levels. Formerly known as EPA's State Environmental Justice Cooperative Agreement Program, this program has been renamed to better reflect the spectrum of entities eligible for this funding.

Federal-State Partnership for Intercity Passenger Rail Grant Program

Provides funding for capital projects that reduce the State of Good Repair backlog, improve performance, or expand or establish new intercity passenger rail service, including privately operated intercity passenger rail service, if an eligible applicant is involved.

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Ferry Boat Program

Provides federal-aid highway funds, through the state transportation agencies, for designing and constructing ferry boats and for designing, acquiring right-of-way, constructing ferry terminal facilities, including ferry maintenance facilities, and other activities. Ferry boats and terminal facilities that serve vehicular travel as links on public highways (other than Interstate highways), as well as ferry boats and terminals only serving passengers as a fixed route transit facility, may be eligible for certain types of federal-aid highway funding.

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Ferry Service for Rural Communities

Provides competitive funding to states to ensure basic ferry service is provided to rural areas. Eligible activities include capital, planning, and operating assistance for a ferry service that operated a regular schedule at any time during the five-year period ending March 1, 2020, and served not less than two rural areas located more than 50 sailing miles apart. Funding is also available for ferry services that serve at least two rural areas with a single segment over 20 miles between them not otherwise eligible for funding under the Passenger Ferry Program.

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Funding to address air pollution at schools

Provides \$37.5 million for grants and other activities to monitor and reduce air pollution and greenhouse gas emissions at schools in low-income and disadvantaged communities, and \$12.5 million for technical assistance to address environmental issues, develop school environmental quality plans, identify, and mitigate ongoing air pollution hazards.

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Green and Resilient Retrofit Program

Provides funding for direct loans and grants to fund projects that improve energy or water efficiency, enhance indoor air quality or sustainability, implement the use of zero-emission electricity generation, low-emission building materials or processes, energy storage, or building electrification strategies, or address climate resilience, of eligible Department of Housing and Urban Development (HUD)-assisted multifamily properties. There is also funding available under this provision for HUD's benchmarking initiative that will finance Energy and Water benchmarking of HUD-assisted properties to measure usage and efficiency of those properties.

Grid Innovation Program

Provides federal financial assistance to governmental entities to coordinate and collaborate with electric sector owners and operators to demonstrate innovative approaches to transmission, storage, and distribution infrastructure to harden and enhance resilience and reliability; and to demonstrate innovative approaches to enhance regional grid resilience, implemented through states by public and rural electric cooperative entities on a cost-shared basis.

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Home Efficiency Rebates

Awards grants to state energy offices to provide rebates that discount the price of energy-saving retrofits in single-family and multi-family buildings.

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Home Electrification and Appliance Rebates

Awards grants to state energy offices and tribal entities to develop and implement a high-efficiency electric home rebate program.

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Highway Safety Grants Program

Awards grants for occupant protection, state traffic safety information systems, impaired driving countermeasures, distracted driving, motorcyclist safety, state graduated driver licensing laws, and non-motorized safety.

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Highway Safety Improvement Program

Provides federal aid to achieve a significant reduction in traffic fatalities and serious injuries on all public roads, including non-state-owned roads and roads on tribal land. The program requires a data-driven, strategic approach to improving highway safety on all public roads with a focus on performance.

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Long-Duration Energy Storage Demonstrations

Provides \$505 million for the development of long-duration energy storage (LDES) demonstrations to validate new technologies and enhance the capabilities of customers and communities to integrate grid storage more effectively. The Department of Energy defines LDES as systems capable of delivering electricity for 10 or more hours in duration.

Low-Income Communities Bonus Credit Program

Provides a boost of up to 20 percentage points to the investment tax credit for solar and wind energy projects in low-income communities. The program aims to increase clean energy facilities in low-income communities, encouraging new market participants, and benefitting individuals and communities that have experienced adverse environmental impacts or lacked economic opportunities. The Low-Income Communities Bonus Credit program will allocate 1.8 gigawatts of capacity available in 2023 across four categories for solar and wind projects with maximum output of less than five megawatts.

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Low or No Emission Vehicle Program

Provides funding to state and local governmental authorities for the purchase or lease of zero-emission and low-emission transit buses and acquisition, construction, and leasing of required supporting facilities.

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Low Emissions Electricity Program

Provides funding to reduce emissions from domestic energy generation and use, prioritizing underserved communities, through education, partnership, technical assistance, and outreach.

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Maintaining and Enhancing Hydroelectricity Incentives

Provides incentive payments to the owner or authorized operator of a qualified hydroelectric facility for capital improvements directly related to improving grid resilience (including the addition of energy storage such as reservoir capacity, pumped storage hydropower, and batteries), improving dam safety, and related to environmental improvements.

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Middle Mile Grant Deployment

Provides funding for the construction, improvement, or acquisition of middle mile infrastructure. The grant program's purpose is to expand and extend middle mile infrastructure to reduce the cost of connecting areas unserved or underserved to the internet backbone.

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National Dam Safety Program State Assistance Grant Program

Provides financial assistance to states for strengthening their dam safety programs. The states use National Dam Safety Program funds for the following types of activities:

- Dam safety training for state personnel
- Increase in the number of dam inspections
- Increase in the submittal and testing of Emergency Action Plans
- More timely review and issuance of permits

- Improved coordination with state emergency preparedness officials
- Identification of dams to be repaired or removed
- Conduct dam safety awareness workshops and creation of dam safety videos and other outreach materials

National Earthquake Hazards Reduction Program's State Assistance Program

Provides funds to increased and enhance the effective implementation of earthquake risk reduction at the local level, reducing the risks to people and property posed by natural hazards.

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National Electric Vehicle Infrastructure Formula Program

Provides funding to states to strategically deploy electric vehicle (EV) charging stations and to establish an interconnected network to facilitate data collection, access, and reliability. Funding is available for up to 80% of eligible project costs, including:

- The acquisition, installation, and network connection of EV charging stations to facilitate data collection, access, and reliability;
- Proper operation and maintenance of EV charging stations; and,
- Long-term EV charging station data sharing

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National Flood Insurance Program

Provides flood insurance to property owners, renters and businesses, and having this coverage helps them recover faster when floodwaters recede. NFIP works with communities required to adopt and enforce floodplain management regulations that help mitigate flooding effects. Flood insurance is available to anyone living in one of the almost 23,000 participating NFIP communities. Homes and businesses in high-risk flood areas with mortgages from government backed lenders are required to have flood insurance.

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National Priority Safety Program

Provides grant funding to address selected national priorities for reducing highway deaths and injuries.

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Nationally Significant Multimodal Freight and Highway Projects

Awards competitive grants for multimodal freight and highway projects of national or regional significance to improve the safety, efficiency, and reliability of the movement of freight and people in and across rural and urban areas.

Native Hawaiian Climate Resilience Program

Establishes a program within the U.S. Department of the Interior's Office of Native Hawaiian Relations to help build capacity within the Native Hawaiian Community to increase resilience in the face of climate change.

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Natural Gas Distribution Infrastructure Safety and Modernization Grant Program

Provides \$200 million a year in funding with a total of \$1 billion in grant funding over the next five years. The grant funding is to be made available to a municipality or community-owned utility (not including for-profit entities) to repair, rehabilitate, or replace its natural gas distribution pipeline systems or portions thereof or to acquire equipment to reduce incidents and fatalities and to avoid economic losses.

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Next Generation Warning System Grant Program

Supports investments that improve the resilience and security of public broadcasting networks and systems.

The grant will:

- Enable public television broadcasters to upgrade to the Advanced Television Systems Committee broadcast standard (ATSC 3.0).
- Enable public radio stations to upgrade to digital capabilities to enable broadcast of IPAWS alerts.
- Enable the capability to alert, warn and provide equivalent information to individuals with disabilities, individuals with access and functional needs, and individuals with limited-English proficiency.
- Enable alerts and warnings on the basis of geographic location as well as those projects that improve the ability of remote rural areas to receive alerts and warnings.

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Port Infrastructure Development Program

Awards grants that improve the safety, efficiency, or reliability of the movement of goods into, out of, around, or within a port. The grants support efforts by ports and industry stakeholders to improve port and related freight infrastructure to meet the nation's freight transportation needs and ensure our port infrastructure can meet anticipated growth in freight volumes. The program provides funding to ports in both urban and rural areas for planning and capital projects. It also includes a statutory set-aside for small ports to continue to improve and expand their capacity to move freight reliably and efficiently and support local and regional economies.

Pre-Commercial Direct Air Capture Prize Competitions Program

Provides funding to advance research, development, demonstration, and commercial application of carbon capture technologies.

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Preventing Outages and Enhancing the Resilience of the Electric Grid Grants

<u>program</u>

Provides \$2.5 billion in matching grants for industry, also known as the Grid Resilience Utility and Industry Grants, and \$2.3 billion in formula grants for states and tribes, also known as the Grid Resilience State and Tribal Formula Grant Program.

To qualify, grantees must address at least one of the following:

- Weatherization technologies and equipment
- Fire-resistant technologies and fire prevention systems
- Monitoring and control technologies
- Undergrounding of electrical equipment
- Utility pole management
- Relocation of power lines or the reconductoring of power lines with low sag, advanced conductors
- Vegetation and fuel load management
- Use or construction of distributed energy resources for enhancing system adaptive capacity during disruptive events, including microgrids and battery storage subcomponents
- Adaptive protection technologies
- Advanced modeling technologies
- Hardening of power lines, facilities, substations, of other systems
- Replacement of old overhead conductors and underground cables

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Promoting Resilient Operations for Transformative, Efficient, and Cost-saving Transportation Program (PROTECT) Program

Provides funding to ensure surface transportation resilience to natural hazards including climate change, sea level rise, flooding, extreme weather events, and other natural disasters through support of planning activities, resilience improvements, community resilience and evacuation routes, and at-risk coastal infrastructure.

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<u>Pumped Storage Hydropower Wind and Solar Integration and System Reliability</u> <u>Initiative</u>

Provides financial assistance to eligible entities to carry out project design, transmission studies, power market assessments, and permitting for a pumped storage hydropower project to facilitate the long-duration storage of intermittent renewable electricity.

Railroad Crossing Elimination Program

Provides funding for highway-rail or pathway-rail grade crossing improvement projects that focus on improving the safety and mobility of people and goods.

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Rebuilding American Infrastructure with Sustainability and Equity Program

Provides funding for the Department of Transportation to invest in road, rail, transit and port projects that promise to achieve national objectives. Previously known as the Better Utilizing Investments to Leverage Development (BUILD) and Transportation Investment Generating Economic Recovery (TIGER) Discretionary Grants, Congress has dedicated nearly \$14.3 billion for fifteen rounds of National Infrastructure Investments to fund projects that have a significant local or regional impact.

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Reconnecting Communities and Neighborhoods Program

Combines the Reconnecting Communities Pilot and Neighborhood Access and Equity programs, two major discretionary grants into one funding opportunity. The programs will:

- Prioritize disadvantaged communities;
- Improve access to daily needs such as jobs, education, healthcare, food, and recreation;
- Foster equitable development and restoration;
- Reconnect communities by removing, retrofitting, or mitigating highways or other transportation facilities that create barriers to community connectivity, including to mobility, access, or economic development.

Neighborhood Access and Equity (NAE) Grant program

Provides funds for projects that improve walkability, safety, and affordable transportation access through context-sensitive strategies and address existing transportation facilities that create barriers to community connectivity or negative impacts on the human or natural environment, especially in disadvantaged or underserved communities. The program also provides funding for planning and capacity building activities in disadvantaged or underserved communities as well as funding for technical assistance to units of local government to facilitate efficient and effective contracting, design, and project delivery and to build capacity for delivering surface transportation projects.

Reconnecting Communities Pilot (RCP) Program

Provides \$1 billion in IRA funding over five years from 2022-2026. The program aims to reconnect communities by removing, retrofitting, or mitigating transportation facilities, like highways or rail lines, that create barriers to community connectivity, mobility, access, or economic development. The program funds planning and capital construction to address infrastructure barriers, reconnect communities, and improve peoples' lives.

Reduction of Truck Emissions at Port Facilities Program

Provides funding to reduce truck idling and emissions at ports, including through the advancement of port electrification. Eligible uses include projects that test, evaluate, and deploy projects that reduce port-related emissions from idling trucks, including through port operations efficiency improvements.

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Rehabilitation of High Hazard Potential Dams Grant Program

Provides technical, planning, design and construction assistance in the form of grants for rehabilitation of eligible high hazard potential dams. A state or territory with an enacted dam safety program, the state administrative agency, or an equivalent state agency, is eligible for the grant.

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Renew America's Schools

Provides U.S. Department of Energy with \$500 million in IIJA funding to promote the implementation of clean energy improvements at K-12 public schools across the country, aiming to help school communities make energy upgrades that will lower utilities costs, improve indoor air quality, and foster healthier learning environments.

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Renew America's Nonprofits Program

Provides U.S. Department of Energy IIJA funding for energy-efficiency improvements in the nonprofit sector to reduce carbon emissions, improve health and safety, and lower utilities costs at buildings owned and operated by 501(c)(3) nonprofits, allowing critical funds to be redirected to mission-focused work. This program is also referred to the IIJA as the Energy Efficiency Materials Pilot program.

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Residential Clean Energy Credit

Equals 30% of the costs of new, qualified clean energy property for a home installed anytime from 2022 through 2033. Individuals may be able to take the credit if they made energy saving improvements to homes located in the United States.

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Rural and Municipal Utility Advances Cybersecurity Grant and Technical Assistance Program

Provides grants and technical assistance to, and enter into cooperative agreements with, eligible entities to protect against, detect, respond to, and recover from cybersecurity threats. Funds will be used to deploy advanced cybersecurity technologies for electric utility systems and to increase the participation of eligible entities in cybersecurity threat information sharing programs.

Safe Streets and Roads for All Grant Program

Supports the development of a comprehensive safety action plan (Action Plan) that identifies the most significant roadway safety concerns in a community and the implementation of projects and strategies to address roadway safety issues.

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Sanitation Facilities Construction Program

Provides funding to build infrastructure necessary to ensure a safe supply of drinking water, reliable sewage systems, and solid waste disposal facilities. This program is responsible for the delivery of environmental engineering services and sanitation facilities to American Indians and Alaska Natives. It is administered by the Indian Health Service Division of Sanitation Facilities Construction and accomplishes its responsibilities through the allocation of available resources to the twelve Indian Health Service area offices.

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Smart Grid Investment Grant Program

Provides funding to accelerate the modernization of the nation's electric transmission and distribution systems. The program selected projects—electricity providers across the nation with plans to upgrade their systems—through a merit-based, competitive solicitation.

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State Digital Equity Planning Program

Provides \$60 million to fund states, DC, territories, and tribal entities development of a Digital Equity Plan. The program is part of the larger State Digital Equity Capacity Grant Program, the purpose of which is to promote the achievement of digital equity, support digital inclusion activities, and build capacity for efforts by states, DC, territories, and tribal entities relating to the adoption of broadband by residents of those entities.

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State of Good Repair Grants

Provides capital assistance for maintenance, replacement, and rehabilitation projects of high-intensity fixed guideway and motorbus systems to help transit agencies maintain assets in a state of good repair in urbanized areas. Additionally, State of Good Repair formula grants are eligible for developing and implementing Transit Asset Management plans.

Strengthening Mobility and Revolutionizing Transportation Grants Program

Provides \$100 million annually from 2022 to 2026 to provide grants to eligible public sector agencies to conduct demonstration projects focused on advanced smart community technologies and systems in order to improve transportation efficiency and safety.

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Superfund Hazardous Substance Research and Training Program

Led by the National Institute of Environmental Health Sciences, supports problem-based, solutionoriented Superfund Research Program (SRP) Centers that consist of multiple, integrated projects representing both the biomedical and environmental science and engineering disciplines; as well as cores tasked with administrative (which includes research translation), data management and analysis, community engagement, research experience and training coordination, and research support functions.

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Transmission Facilitation Program

Provides \$2.5 billion to build out new interregional transmission lines across the country. Administered through the Building a Better Grid Initiative, it is a revolving fund program that will provide federal support to overcome the financial hurdles in the development of large-scale new transmission lines and upgrading existing transmission as well as the connection of microgrids in select states and U.S. territories.

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Tribal Broadband Connectivity Program

Provides \$3 billion to tribal governments to be used for broadband deployment on tribal lands, as well as for telehealth, distance learning, broadband affordability, and digital inclusion.

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Tribal Climate Resilience

Supports climate preparedness and resilience for all federally recognized Tribal Nations and Alaska Native villages through technical and financial assistance, access to scientific resources and educational opportunities. Tribal Climate Resilience partners with Tribal Nations and Bureau of Indian Affairs (BIA) agencies to incorporate climate considerations into their programs and policies by providing funding, training, technical assistance and organizational support.

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Tribal Climate Resilience Annual Awards Program

Provides financial support for federally recognized Tribal Nations and authorized Tribal organizations through a competitive funding opportunity to build Tribal resilience capacity. The Tribal Climate Resilience Annual Awards Program supports both planning and implementation projects, including for climate adaptation planning, community-led relocation, managed retreat (i.e., partial relocation),

protect-in-place efforts, ocean and coastal management, as well as for habitat restoration and adaptation.

Back to Contents

Tribal Electrification Program

Provides \$145.5 million in financial and technical assistance to Tribes to increase the number of Tribal homes with zero-emission electricity. Eligible uses include the provision of electricity to unelectrified Tribal homes through zero-emissions energy systems; transitioning electrified Tribal homes to zero-emissions energy systems; and associated home repairs and retrofitting necessary to install the zero-emissions energy systems.

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Tribal Energy Financing Program

Supports tribal investment in energy-related projects by providing direct loans or partial loan guarantees to federally recognized tribes, including Alaska Native village or regional or village corporations; or a Tribal Energy Development Organization that is wholly or substantially owned by a federally recognized Indian tribe or Alaska Native Corporation.

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Underground Injection Control Grants

Provides funding for grants aimed at developing and implementing training programs that protect drinking water sources. The U.S. EPA's Office of Water is inviting states, tribes and territories to submit letters of intent to indicate their interest in the new grant program.

Back to Contents

University Transportation Centers Program

Awards and administers grants to a consortium of colleges and universities across the United States. The program advances the state-of-the-art in transportation research and technology and develops the next generation of transportation professionals.

Back to Contents

Watershed and Flood Prevention Operations Program

Provides technical and financial assistance to states, local governments and Tribal organizations to help plan and implement authorized watershed projects for the purpose of:

- Flood Prevention
- Watershed Protection
- Public Recreation
- Public Fish and Wildlife
- Agricultural Water Management
- Municipal and Industrial Water Supply
• Water Quality Management

Back to Contents

Watershed Rehabilitation Program

Helps project sponsors rehabilitate aging dams that are reaching the end of their design life and/or no longer meet federal or state safety criteria or performance standards.

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WaterSMART Water and Energy Efficiency Grants

Provides 50/50 cost share funding to irrigation and water districts, tribes, states and other entities with water or power delivery authority. Projects conserve and use water more efficiently; increase the production of hydropower; mitigate conflict risk in areas at a high risk of future water conflict; and accomplish other benefits that contribute to water supply reliability in the western United States. Projects are selected through a competitive process and the focus is on projects that can be completed within two or three years.

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Baseline Vulnerability – Environment

Air Pollution Monitoring

Provides \$117.5 million that can be used to deploy, integrate, support, and maintain fence-line air monitoring, screening air monitoring, national air toxics trend stations, and other air toxics and community monitoring.

Back to Contents

Battery and Critical Mineral Recycling

Awards grants for research, development, and demonstration projects to create innovative and practical approaches to increase the reuse and recycling of batteries.

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Battery Manufacturing and Recycling Grants

Provides grants to ensure that the United States has a viable domestic manufacturing and recycling capability to support a North American battery supply chain.

Brownfield Grant Funding

Provides direct funding for brownfields assessment, cleanup, revolving loans, environmental job training, technical assistance, training, and research.

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Brownfield Job Training Grants

Recruits, trains, and places local, unemployed and under-employed residents with the skills needed to secure full-time employment in the environmental sector, including nonprofit organizations.

Back to Contents

Clean Heavy-Duty Vehicle Program

Provides \$1 billion to replace dirty heavy-duty vehicles with clean, zero-emission vehicles, support zeroemission vehicle infrastructure, and to train and develop workers. EPA will be distributing this \$1 billion in funding for clean heavy-duty vehicles between now and 2031 and \$400 million will be going to communities in nonattainment areas. EPA anticipates this new funding opportunity may begin later in 2023.

Back to Contents

Clean Ports Program

Provides \$3 billion to reduce air pollutants at U.S. ports by funding zero-emission port equipment and technology and helping ports develop climate action plans.

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Clean School Bus Program

Provides \$5 billion over the next five years (2022-2026) to replace existing school buses with zeroemission and low-emission models.

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Clean Vehicle Credit

The U.S. Internal Revenue Service (IRS) provides <u>resources</u> on how to determine eligibility for clean vehicle credits and how to claim them:

- Credits for New Electric Vehicles Purchased in 2023 or After
- Credits for New Electric Vehicles Purchased in 2022 or Before
- Used Electric Vehicle Credit
- <u>Commercial Clean Vehicle Credit</u>
- <u>Clean Vehicle Credit Qualified Manufacturer Requirements</u>
- <u>Clean Vehicle Credit Dealer Requirements</u>
- Excise Tax Credits for Alternative Fuels, Biodiesel, and Renewable Diesel

Clean Water State Revolving Fund

Provides low-cost financing to communities for a wide range of water quality infrastructure projects, including municipal wastewater facilities, nonpoint source pollution control, decentralized wastewater treatment systems, stormwater runoff mitigation, green infrastructure, estuary protection, and water reuse.

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Climate Pollution Reduction Grants

Provides \$5 billion to support efforts by states, municipalities, air pollution control agencies, tribes, and groups thereof to develop and implement strong, local greenhouse gas reduction strategies. This two-phase grant program provides funding of \$250 million for noncompetitive planning grants, and \$4.6 billion for competitive implementation grants.

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Competitive grants for non-federal forest landowners

Provides \$550 million for competitive grants to non-Federal forest landowners to help sustain healthy and resilient working forests. The funding prioritizes underserved and small forest landowners in carrying out climate mitigation and forest resilience efforts.

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Consumer Electronics Battery Recycling, Reprocessing, and Battery Collection

Provides funding to support the recycling of consumer electronics batteries and battery-containing devices to help build a robust domestic critical material supply chain for EV batteries in the United States. The funding will accomplish this by: 1) increasing the participation by consumers in recycling programs; 2) improving the economics of consumer battery recycling to create a market for recycling, including battery recycling research, development, and demonstration activities to create innovative and practical approaches to increase the reuse and recycling of batteries; and 3) increasing the number of these programs, including state and local programs to assist in the establishment or enhancement of state consumer electronics battery collection, recycling, and reprocessing programs and to establish collection points at retailers.

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Diesel Emissions Reduction Act Program

Funds grants and rebates that protect human health and improve air quality by reducing harmful emissions from diesel engines.

Electric Drive Vehicle Battery Recycling and Second-Life Applications Program

Expands an existing program at Department of Energy for research, development, and demonstration of electric vehicle battery recycling and second-life applications for vehicle batteries.

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Environmental and Climate Justice Grants

Environmental and Climate Justice (ECJ) Grant Program

Provides \$2.8 billion for financial assistance and \$200 million for technical assistance to carry out environmental and climate justice activities to benefit underserved and overburdened communities. EPA must award grants and technical assistance under the ECJ Program by September 30, 2026.

Environmental Justice Thriving Communities Grantmaking (EJ TCGM) Program

Selects multiple grantmakers around the nation to reduce barriers to the federal grants application process communities face and increase the efficiency of the awards process for environmental justice grants. Grantmakers will design competitive application and submission processes, award environmental justice subgrants, implement a tracking and reporting system, provide resources and support to communities, all in collaboration with EPA's Office of Environmental Justice and External Civil Rights.

Environmental Justice Collaborative Problem-Solving (EJCPS) Cooperative Agreement Program

Provides financial assistance to eligible organizations working to address local environmental or public health issues in their communities. The program assists recipients in building collaborative partnerships with other stakeholders (e.g., local businesses and industry, local government, medical service providers, academia, etc.) to develop solutions to environmental or public health issue(s) at the community level.

Environmental Justice Government-to-Government (EJG2G) Program

Provides funding at the state, local, territorial, and tribal level to support government activities that lead to measurable environmental or public health impacts in communities disproportionately burdened by environmental harms.

Model EJG2G programs should leverage existing resources to develop processes or tools that integrate environmental justice considerations into governmental decision-making at all levels. Formerly known as EPA's State Environmental Justice Cooperative Agreement Program, this program has been renamed to better reflect the spectrum of entities eligible for this funding.

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Funding to Address Air Pollution at Schools

Provides \$37.5 million for grants and other activities to monitor and reduce air pollution and greenhouse gas emissions at schools in low-income and disadvantaged communities, and \$12.5 million for technical assistance to address environmental issues, develop school environmental quality plans, identify, and mitigate ongoing air pollution hazards.

Greenhouse Gas Reduction Fund

Provides \$27 billion to mobilize financing and private capital to address the climate crisis, ensure the country's economic competitiveness, and promote energy independence while delivering lower energy costs and economic revitalization to communities that have historically been left behind.

National Clean Investment Fund

Provides \$14 billion in grants to 2 to 3 national nonprofit clean financing institutions capable of partnering with the private sector to provide accessible, affordable financing for tens of thousands of clean technology projects across the country.

Clean Communities Investment Accelerator

Provides \$6 billion in grants to 2 to 7 hub nonprofits that will, in turn, deliver funding and technical assistance to build the clean financing capacity of local community lenders working in low-income and disadvantaged communities—so that underinvested communities have the capital they need to deploy clean technology projects.

Solar for All

Awards up to 60 grants to states, territories, Tribal governments, municipalities, and eligible nonprofit recipients to expand the number of low-income and disadvantaged communities primed for distributed solar investment—enabling millions of low-income households to access affordable, resilient, and clean solar energy. Grantees will use funds to expand existing low-income solar programs or design and deploy new Solar for All programs nationwide.

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Joint Chiefs' Landscape Restoration Partnership Program

Enables Natural Resources Conservation Service and the U.S. Forest Service to collaborate with agricultural producers, forest landowners, tribes and public land managers to invest in conservation and restoration at a big enough scale to make a positive difference. Working in partnership, and at this scale, helps reduce wildfire threats to communities, protect water quality and supply, and improve wildlife habitat for at-risk species.

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Joint Fire Science Program

Provides funding for scientific studies associated with wildland fire, fuels, and fire-impacted ecosystems that respond to the emerging needs of land managers, practitioners, and policymakers.

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Lithium-Ion Battery Recycling Prize Competition

Provides a prize for recycling of lithium-ion batteries and convene a task force on battery producer requirements.

Methane Emissions Reduction Program

Provides funding and new authorities to reduce methane emissions from the petroleum and natural gas sector. The program also provides financial and technical assistance and establishes a waste emissions charge for methane from applicable facilities.

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Natural Gas Distribution Infrastructure Safety and Modernization Grant Program

Provides \$200 million a year in funding with a total of \$1 billion in grant funding over the next five years. The grant funding is to be made available to a municipality or community-owned utility (not including for-profit entities) to repair, rehabilitate, or replace its natural gas distribution pipeline systems or portions thereof or to acquire equipment to reduce incidents and fatalities and to avoid economic losses.

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Orphan Well Site Plugging, Remediation, and Restoration Programs

Orphaned Well Site Plugging, Remediation, And Restoration Program

Provides funding from the U.S. Department of Energy's Office of Fossil Energy and Carbon Management to plug wells on federal land and issue grants to states and tribes on state, private, and tribal land.

Federal Orphaned Well Program

Led by the U.S. Department of the Interior (DOI)'s Bureau of Land Management, provides IIJA historic investments to help revitalize local economies and support jobs, while addressing environmental impacts from legacy developments. This multi-agency effort to remediate orphaned wells on federal lands includes DOI Land Management Agencies, the U.S. Forest Service, Department of Energy, Environmental Protection Agency, and the Interstate Oil & Gas Commission Compact.

Orphaned Wells on Tribal Lands

Provides up to \$150 million in federal IIJA funding for the purpose of plugging orphaned wells and remediating and reclaiming orphaned well sites on tribal lands. Tribes may seek funding to undertake the well plugging or may request that the Secretary administer the well plugging on behalf of the tribe.

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Reduction of Truck Emissions at Port Facilities Program

Provides funding to reduce truck idling and emissions at ports, including through the advancement of port electrification. Eligible uses include projects that test, evaluate, and deploy projects that reduce port-related emissions from idling trucks, including through port operations efficiency improvements.

Superfund Hazardous Substance Research and Training Program

Led by the National Institute of Environmental Health Sciences, supports problem-based, solutionoriented Superfund Research Program (SRP) Centers that consist of multiple, integrated projects representing both the biomedical and environmental science and engineering disciplines; as well as cores tasked with administrative (which includes research translation), data management and analysis, community engagement, research experience and training coordination, and research support functions.

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Underground Injection Control Grants

Provides funding for grants aimed at developing and implementing training programs that protect drinking water sources. The U.S. EPA's Office of Water is inviting states, tribes and territories to submit letters of intent to indicate their interest in the new grant program.

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Climate Change Impacts

Building Resilient Infrastructure and Communities

Supports states, local communities, tribes and territories as they undertake hazard mitigation projects, reducing the risks they face from disasters and natural hazards.

The IIJA provides \$1 billion over five years, which is in addition to the funding the Federal Emergency Management Agency provides through setting aside up to 6% of the assistance the agency provides following major disaster declarations through the Public Assistance and Individuals and Households Program.

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Carbon Capture Demonstration Program

Provides \$2.5 billion to develop six carbon capture facilities to significantly improve the efficiency, effectiveness, costs, emissions reductions, and environmental performance of coal and natural gas use. This program will focus on integrated carbon capture, transport, and storage technologies and infrastructure that can be readily replicated and deployed at fossil energy power plants and major industrial sources of CO2, such as cement, pulp and paper, iron and steel, and certain types of chemical production facilities.

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Carbon Dioxide Transportation Infrastructure Finance and Innovation Program

Finances projects that build shared (i.e., common carrier) transport infrastructure to move CO2 from points of capture to conversion facilities and/or storage wells. This CO2 transport infrastructure will

provide economies of scale and help form an interconnected carbon management ecosystem in the United States.

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Carbon Storage Validation and Testing Program

Establishes a program of research, development, and demonstration for carbon storage. Funds will be aimed at the development of new or expanded commercial large-scale carbon sequestration projects and associated carbon dioxide transport infrastructure, including funding for the feasibility, site characterization, permitting, and construction stages of project development.

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Carbon Utilization Program

Establishes a grant program for state and local governments to procure and use products derived from captured carbon oxides. An eligible entity shall use a grant to procure and use commercial or industrial products that use or are derived from anthropogenic carbon oxides and demonstrate significant net reductions in lifecycle greenhouse gas emissions compared to incumbent technologies, processes, and products.

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Climate Change Technical Assistance Program

Provides \$15 million for the Office of Insular Affairs to provide technical assistance for climate change planning, mitigation, adaptation, and resilience to United States Insular Areas Governments. The Insular Areas include American Samoa, the Commonwealth of the Northern Mariana Islands, Guam, Puerto Rico, and the U.S. Virgin Island. Use CFDA# 15.875

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Climate Pollution Reduction Grants

Provides \$5 billion to support efforts by states, municipalities, air pollution control agencies, tribes, and groups thereof to develop and implement strong, local greenhouse gas reduction strategies. This two-phase grant program provides funding of \$250 million for noncompetitive planning grants, and \$4.6 billion for competitive implementation grants.

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Competitive Grants for Non-Federal Forest Landowners

Provides \$550 million for competitive grants to non-federal forest landowners to help sustain healthy and resilient working forests. The funding prioritizes underserved and small forest landowners in carrying out climate mitigation and forest resilience efforts.

Community Wildfire Defense Grants

Provides \$1 billion to a five-year, competitive program designed to assist at-risk communities, including Tribal communities, non-profit organizations, state forestry agencies and Alaska Native corporations with planning for and mitigating wildfire risks.

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Drinking Water System Infrastructure Resilience and Sustainability Program

Awards grants to assist underserved, small, and disadvantaged communities for the purpose of increasing drinking water facility resilience to natural hazards.

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Emergency Drought Relief for Tribes

Funds near-term drought relief actions to mitigate drought impacts for Indian Tribes affected by the operation of a Bureau of Reclamation water project, including water shortages, and to mitigate the loss of Tribal trust resources.

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Emergency Watershed Protection Program

Offers technical and financial assistance to help local communities relieve imminent threats to life and property caused by floods, fires, windstorms and other natural disasters that impair a watershed. The program does not require a disaster declaration by federal or state government officials for program assistance to begin.

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Energy Infrastructure Reinvestment Program

Guarantees loans to 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.

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Environmental and Climate Justice Grants

Environmental and Climate Justice (ECJ) Grant Program

Provides \$2.8 billion for financial assistance and \$200 million for technical assistance to carry out environmental and climate justice activities to benefit underserved and overburdened communities. EPA must award grants and technical assistance under the ECJ Program by September 30, 2026.

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Selects multiple grantmakers around the nation to reduce barriers to the federal grants application process communities face and increase the efficiency of the awards process for environmental justice grants. Grantmakers will design competitive application and submission processes, award

environmental justice subgrants, implement a tracking and reporting system, provide resources and support to communities, all in collaboration with EPA's Office of Environmental Justice and External Civil Rights.

Environmental Justice Collaborative Problem-Solving (EJCPS) Cooperative Agreement Program

Provides financial assistance to eligible organizations working to address local environmental or public health issues in their communities. The program assists recipients in building collaborative partnerships with other stakeholders (e.g., local businesses and industry, local government, medical service providers, academia, etc.) to develop solutions to environmental or public health issue(s) at the community level.

Environmental Justice Government-to-Government (EJG2G) Program

Provides funding at the state, local, territorial, and tribal level to support government activities that lead to measurable environmental or public health impacts in communities disproportionately burdened by environmental harms.

Model EJG2G programs should leverage existing resources to develop processes or tools that integrate environmental justice considerations into governmental decision-making at all levels. Formerly known as EPA's State Environmental Justice Cooperative Agreement Program, this program has been renamed to better reflect the spectrum of entities eligible for this funding.

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Federal Emergency Management Agency Preparedness Grants

Supports citizens and first responders to build, sustain and improve the nation's capability to prepare for, protect against, respond to, recover from and mitigate terrorism and other high-consequence disasters and emergencies.

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Federal Emergency Management Agency (FEMA) Public Assistance Program

Provides supplemental grants to state, tribal, territorial, and local governments, and certain types of private non-profits so communities can quickly respond to and recover from major disasters or emergencies. After an event like a hurricane, tornado, earthquake or wildfire, communities need help to cover their costs for debris removal, life-saving emergency protective measures, and restoring public infrastructure. FEMA also encourages protecting these damaged facilities from future events by providing assistance for hazard mitigation measures during the recovery process.

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Flood Mitigation Assistance (FMA) Grant Program

Provides \$3.5 billion in Flood Mitigation Assistance grants to states, local communities, tribes, and territories over five years – \$700 million per year from 2022 to 2026. Reduces or eliminates the risk of repetitive flood damage to buildings insured under the National Flood Insurance Program.

Green and Resilient Retrofit Program

Provides funding for direct loans and grants to fund projects that improve energy or water efficiency, enhance indoor air quality or sustainability, implement the use of zero-emission electricity generation, low-emission building materials or processes, energy storage, or building electrification strategies, or address climate resilience, of eligible Department of Housing and Urban Development (HUD)-assisted multifamily properties. There is also funding available under this provision for HUD's benchmarking initiative that will finance Energy and Water benchmarking of HUD-assisted properties to measure usage and efficiency of those properties.

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Greenhouse Gas Reduction Fund

Provides \$27 billion to mobilize financing and private capital to address the climate crisis, ensure the country's economic competitiveness, and promote energy independence while delivering lower energy costs and economic revitalization to communities that have historically been left behind.

National Clean Investment Fund

Provides \$14 billion in grants to 2 to 3 national nonprofit clean financing institutions capable of partnering with the private sector to provide accessible, affordable financing for tens of thousands of clean technology projects across the country.

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Provides \$6 billion in grants to 2 to 7 hub nonprofits that will, in turn, deliver funding and technical assistance to build the clean financing capacity of local community lenders working in low-income and disadvantaged communities—so that underinvested communities have the capital they need to deploy clean technology projects.

Solar for All

Awards up to 60 grants to states, territories, Tribal governments, municipalities, and eligible nonprofit recipients to expand the number of low-income and disadvantaged communities primed for distributed solar investment—enabling millions of low-income households to access affordable, resilient, and clean solar energy. Grantees will use funds to expand existing low-income solar programs or design and deploy new Solar for All programs nationwide.

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Hazard Mitigation Assistance Grants

Provides funding for eligible mitigation measures that reduce disaster losses. "Hazard mitigation" is any sustainable action that reduces or eliminates long-term risk to people and property from future disasters. Mitigation planning breaks the cycle of disaster damage, reconstruction and repeated damage. Hazard mitigation includes long-term solutions that reduce the impact of disasters in the future.

Methane Emissions Reduction Program

Provides funding and new authorities to reduce methane emissions from the petroleum and natural gas sector. The program also provides financial and technical assistance and establishes a waste emissions charge for methane from applicable facilities.

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National Dam Safety Program (NDSP) State Assistance Grant Program

Provides financial assistance to states for strengthening their dam safety programs. The states use NDSP funds for the following types of activities:

- Dam safety training for state personnel
- Increase in the number of dam inspections
- Increase in the submittal and testing of Emergency Action Plans
- More timely review and issuance of permits
- Improved coordination with state emergency preparedness officials
- Identification of dams to be repaired or removed
- Conduct dam safety awareness workshops and creation of dam safety videos and other outreach materials

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National Earthquake Hazards Reduction Program's State Assistance Program

Provides funds to increased and enhance the effective implementation of earthquake risk reduction at the local level, reducing the risks to people and property posed by natural hazards.

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National Flood Insurance Program

Provides flood insurance to property owners, renters and businesses, and works with communities required to adopt and enforce floodplain management regulations that help mitigate flooding effects. Flood insurance is available to anyone living in one of the almost 23,000 participating National Flood Insurance Program communities, helping them recover faster when floodwaters recede. Homes and businesses in high-risk flood areas with mortgages from government backed lenders are required to have flood insurance.

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Native Hawaiian Climate Resilience Program

Establishes a program within the U.S. Department of the Interior's Office of Native Hawaiian Relations to help build capacity within the Native Hawaiian Community to increase resilience in the face of climate change.

Preventing Outages and Enhancing the Resilience of the Electric Grid Grants

<u>program</u>

Provides \$2.5 billion in matching grants for industry, also known as the Grid Resilience Utility and Industry Grants, and \$2.3 billion in formula grants for states and tribes, also known as the Grid Resilience State and Tribal Formula Grant Program.

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<u>Promoting Resilient Operations for Transformative, Efficient, and Cost-Saving</u> Transportation Program

Provides funding to ensure surface transportation resilience to natural hazards including climate change, sea level rise, flooding, extreme weather events, and other natural disasters through support of planning activities, resilience improvements, community resilience and evacuation routes, and at-risk coastal infrastructure.

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Safeguarding Tomorrow Revolving Loan Fund Program

Provides capitalization grants to states, eligible federally recognized tribes, territories and the District of Columbia to establish revolving loan funds that provide hazard mitigation assistance for local governments to reduce risks from natural hazards and disasters.

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Tribal Climate Resilience

Supports climate preparedness and resilience for all federally recognized Tribal Nations and Alaska Native villages through technical and financial assistance, access to scientific resources and educational opportunities. Tribal Climate Resilience partners with Tribal Nations and Bureau of Indian Affairs agencies to incorporate climate considerations into their programs and policies by providing funding, training, technical assistance and organizational support.

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Tribal Climate Resilience Annual Awards Program

Provides financial support for federally recognized Tribal Nations and authorized Tribal organizations through a competitive funding opportunity to build Tribal resilience capacity. The Tribal Climate Resilience Annual Awards Program supports both planning and implementation projects, including for climate adaptation planning, community-led relocation, managed retreat (i.e., partial relocation), protect-in-place efforts, ocean and coastal management, as well as for habitat restoration and adaptation.

Underground Injection Control Grants

Provides funding for grants aimed at developing and implementing training programs that protect drinking water sources. The U.S. Environmental Protection Agency's Office of Water is inviting states, tribes, and territories to submit letters of intent to indicate their interest in the new grant program.

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Watershed and Flood Prevention Operations Program

Provides technical and financial assistance to states, local governments, and tribal organizations to help plan and implement authorized watershed projects for the purpose of:

- Flood Prevention
- Watershed Protection
- Public Recreation
- Public Fish and Wildlife
- Agricultural Water Management
- Municipal and Industrial Water Supply
- Water Quality Management

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Additional Region-Specific Funding

Recent legislation also provided funds to the eight federal regional commissions and authorities through which more grants and opportunities may be available:

Appalachian Regional Commission

Delta Regional Authority

Denali Commission

Great Lakes Authority

Northern Border Regional Commission

Northern Great Plains Regional Authority

Southeast Crescent Regional Commission

Southwest Border Regional Commission

In addition, the U.S. Environmental Protection Agency will be making significant investments in health, equity, and resilience of American communities; the IIJA sets aside almost \$2 billion for the following geographic programs and more, where funding will be made available:

Great Lakes Restoration Chesapeake Bay San Francisco Bay Puget Sound Long Island Sound Gulf of Mexico South Florida Lake Champlain Lake Pontchartrain Southern New England Estuaries Columbia River Basin Pacific Northwest National Estuary Program Gulf Hypoxia Program

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Funding Trackers and Guides

Grants.gov

In order to apply for any federal grant, applicants will need to register on Grants.gov. <u>Here</u> is more information on how to search for federal funding, determine your eligibility, and complete an application.

USASpending

USASpending is the official open data source of federal spending information, including information about federal awards such as contracts, grants, and loans.

Inflation Reduction Act Tracker

IRATracker.org is a joint project of Columbia Law School's Sabin Center for Climate Change Law and Environmental Defense Fund. The IRA Database compiles information about the climate change-related provisions of the 2022 Inflation Reduction Act. Actions taken by federal agencies to implement those provisions are recorded in the IRA Tracker.

Inflation Reduction Act Guidebook

This guidebook provides an overview of the clean energy, climate mitigation and resilience, agriculture, and conservation-related investment programs in President Biden's Inflation Reduction Act, including who is eligible to apply for funding and for what activities.

Bipartisan Infrastructure Law Launchpad

The Bipartisan Infrastructure Law (BIL) offers unprecedented opportunities for local governments and communities to secure competitive federal grants and modernize America's infrastructure. To help navigate transportation grant programs and expedite applications, the BIL Launchpad provides customized information on available funding, interactive technical support, data on successful awards, and essential resources. With this platform, localities can accelerate their grant application process and access the necessary tools to enhance their transportation infrastructure.

Bipartisan Infrastructure Law Maps Dashboard

These maps show how much funding has been announced for work within states, including a breakdown by category of funding. This total includes "formula" funds allocated directly to states for roads and bridges or water systems, for example, as well as funding for airports, ports and superfund site cleanup. A separate tab showcases specific announced and select awarded funding locations and projects. Hover over the dot to see details. These maps are intended to be illustrative of the scope of the IIJA and the impact it has in all American communities.

Bipartisan Infrastructure Law Tribal Playbook

This playbook has two specific goals and is organized in two parts. First, it serves to identify programs and sources of funds specifically set aside for Tribal communities under the IIJA. There are over \$13 billion dollars in tribal-specific programs or set-asides for tribes within existing programs under the law. The first half of this document provides an outline of these funds and guidance on where to seek technical assistance and further information. Secondly, it provides a guide to tribal eligibility for other programs under the law and identify specific benefits or flexibilities for tribes and tribal communities – like waivers for federal matching requirements for Tribal Nations that apply for competitive funds or enhanced benefits under existing programs for members of Tribal Nations. In partnership with the Bureau of Indian Affairs, the White House also has identified more than 150 programs under the law where tribes or tribal entities are eligible to apply for funding.

Environmental Justice Scorecard

This first version of the Environmental Justice Scorecard, or the Phase One Scorecard, presents a baseline assessment of actions taken by federal agencies in 2021 and 2022 to help achieve the Biden-Harris Administration's environmental justice goals. The Phase One Scorecard reports on the progress of 24 federal agencies in the following areas:

- Advancing the President's Justice40 Initiative
- Implementing and enforcing environmental and civil rights laws
- Embedding environmental justice throughout the federal government

EPA EJ Screen

EJScreen is the U.S. Environmental Protection Agency's environmental justice mapping and screening tool that provides EPA with a nationally consistent dataset and approach for combining environmental and demographic socioeconomic indicators.

AFFORD Tool

America Is All In and the Cities Renewable Accelerator just released their updated AFFORD tool to help nonprofits navigate the IRA and BIL programs. The AFFORD tool (American Federal Funding

Opportunities and Resources for Decarbonization) filters through hundreds of federal funding programs by user type, funding type, and project type to help you identify which programs to prioritize.

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For Researchers

Master CVI Dataset

This Excel workbook contains domain and subdomain CVI values (e.g., Baseline Vulnerability, Climate Change: Extreme Events), indicator CVI values (Life Expectancy), indicator native units, and reference information for each underlying dataset.



GitHub – Data and Code