

Justice40 Initiative: An Introduction

Indiana Resilience Funding Hub

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Preface

This document provides an overview of the Justice40 initiative, followed by **Justice40 at Indiana Resilience Funding Hub (IRFH)** which reviews the involvement of the Indiana Resilience Funding Hub in this initiative across the State of Indiana. The section **Definitions** introduces the fundamental definitions in the Justice40 initiative. In section **Implementation**, a summary of Justice40 eligible projects is provided for all 19 participating agencies. Section **Policy Priorities** gives a holistic perspective of the relative financial burden of projects under its respective agencies. Adopting the appropriate method of identifying the disadvantaged communities has been one of the most challenging aspects of participation in this initiative. To address this issue, the section **Mapping Tools** presents the method selected by each organization to identify these communities. **Appendix 1** provides a historical review of all the laws and regulations and contributed to the structure of the Justice40 initiative. Finally, **Appendix 2** provides the administrative policies supporting the engagement of all the agencies active in the Justice40 initiative.

Background

President Biden issued [executive order 14008](#) in January 2021 to tackle the climate crisis at home and abroad. Section 223 of this executive order established the [Justice40 Initiative](#), which directs 40 percent of the overall benefits of certain Federal investments to flow to disadvantaged communities (DACs). This initiative encompasses government investments in clean energy and energy efficiency; clean transit; affordable and sustainable housing; training and workforce development; the remediation and reduction of legacy pollution; and the development of clean water infrastructure.

[This order](#) formalizes President Biden’s commitment to make environmental justice a part of the mission of every agency by directing federal agencies to develop programs, policies, and activities to address the disproportionate health, environmental, economic, and climate impacts on disadvantaged communities.

It also establishes a White House Environmental Justice Interagency Council and a White House Environmental Justice Advisory Council to prioritize environmental justice and ensure a government-wide approach to addressing current and historical environmental injustices, including strengthening environmental justice monitoring and enforcement through new or strengthened offices at the Environmental Protection Agency, Department of Justice, and Department of Health and Human Services. The order initiates the development of a Climate and Environmental Justice Screening Tool, building off EPA’s EJSCREEN, to identify disadvantaged communities, support the Justice40 Initiative, and inform equitable decision making across the federal government.

Covered programs: According to the M-21-28, Interim Implementation Guidance for the Justice40 Initiative, a “covered program” is a Federal Government program that falls in the scope of the Justice40 initiative because it includes investments that can benefit disadvantaged communities across one or more of the following seven areas:

- Climate change,

- Clean energy and energy efficiency,
- Clean transportation,
- Affordable and sustainable housing,
- Training and workforce development (related to climate, natural disasters, environment, clean energy, clean transportation, housing, water and wastewater infrastructure, and legacy pollution reduction, including in energy communities),
- Remediation and reduction of legacy pollution, and
- Critical clean water and waste infrastructure.

All Justice40 covered programs are required to engage in stakeholder consultation and ensure that community stakeholders are meaningfully involved in determining program benefits. Covered programs are also required to report data on the benefits directed to disadvantaged communities.

Covered Investment: According to the [M-21-28](#), Interim Implementation Guidance for the Justice40 Initiative, federal investment in at least one of the following categories is considered a covered investment:

- Federal financial assistance as defined at 2 CFR 200.7 including both Federal grants as well as other types of financial assistance (including loans, credit, guarantees, or direct spending/benefits),
- Direct payments or benefits to individuals,
- Federal procurement benefits (acquisition of goods and services for the Federal government's own use),
- Programmatic Federal staffing costs (e.g. federal pay for staff that provide technical assistance)
- Additional federal investments under covered programs as determined by OMB.

Recipients of funding through agency programs can be states, local governments, non profits, educational institutions, and private businesses, among others, depending on the program. Some agency programs provide formula funding, meaning that the distribution of funds is set by a predetermined formula. States and localities are the primary recipients of formula funding. Federal agencies also provide grants and loans through various programs. For grant funding, applicants can apply directly to the federal agency or their state. For some formula funding and grant programs, agencies have cost-share requirements, which means that funding recipients must share a percentage of the cost. For example, the federal government may cover 75 percent of the project costs and require the recipient to cover the remaining 25 percent. Some federal programs waive cost-share requirements for low-income communities.

Inflation Reduction Act and Justice40 Initiative

The Inflation Reduction Act is the largest piece of federal legislation ever to address climate change. This Act is the referential funding source for the Justice40 initiative.

Section 2(c) in [Executive Order 14082](#) of September 2022 on the Implementation of the Energy and Infrastructure Provisions of the Inflation Reduction Act of 2022 focuses on the Justice40 initiative. It mandates federal departments and other organizations listed in Table 2 to prioritize advancing environmental and climate justice through an all-of-government approach, including through the Justice40 Initiative set forth in Executive Order 14008, to protect and improve the health and well-being of fence-line and frontline communities in the United States.

Justice40 at Indiana Resilience Funding Hub (IRFH)

IRFH has supported multiple local communities in their application to funds under the Justice40 initiative. Table 1 shows a summary report on the programs, name of the projects and the nature of collaboration between IRFH and the local community client.

Table 1- IRFH engagement in Justice40 eligible projects in Indiana

Department	Program	Client	Project	Type of Collaboration
Department of Energy	The Energy Efficiency and Conservation Block Grant (EECBG)	City of Richmond	Glen Miller Park	Technical assistance in the preparation and submission of grant proposal applications
Department of Energy	The Energy Efficiency and Conservation Block Grant (EECBG)	Wabash Valley Alliance	Identifying energy communities at the communities under the service coverage	Provided a web-based GIS map for showing disadvantaged communities under their support
Department of Transportation	Safe Streets for All (SS4A)	City of Holland	Trail development	Technical assistance in the preparation and submission of grant proposal applications
Department of Transportation	Safe Streets for All (SS4A)	Administrative Resources association (ARa) and Cities of Rushville, Greensburg and New Castle.	Develop a Safety Action Plan that addresses critical safety issues shared across a rural, three-county, ~1200 square mileage area.	Technical assistance in the preparation and submission of grant proposal applications
Environmental Protection Agency – Indiana Department of Environmental Management	Section 319 (h) in Clean Water Act (CWA)- Nonpoint Source Management Program	Friends of Lake Monroe	Lake Monroe Watershed Management Plan Implementation	Technical assistance in the preparation and submission of grant proposal applications

Definitions

Justice40 initiative addresses the welfare concerns of disadvantaged communities. This section introduces concepts of community and disadvantaged communities, as used in this context.

Community: Justice40 uses the description provided by the interim guidance at the Office of Management and Budget to define communities:

1. A group of individuals living in geographic proximity (such as a census tract).
2. A geographically dispersed set of individuals (such as migrant workers or Native Americans), where either type of group experiences common conditions.

Disadvantaged community: The Climate and Economic Justice Screening Tool (CEJST) identifies approximately 27,251 census tracts (per 2010 definition) as disadvantaged nationwide. Communities are considered disadvantaged:

- If they are in census tracts that meet the thresholds for at least one of the tool’s categories of burden, or
- If they are on land within the boundaries of Federally Recognized Tribes.

A community is highlighted as disadvantaged on the CEJST map if it is in a census tract that is (1) at or above the threshold for one or more environmental, climate, or other burdens, and (2) at or above the threshold for an associated socioeconomic burden. In addition, a census tract that is completely surrounded by disadvantaged communities and is at or above the 50% percentile for low income is also considered disadvantaged.

Table 2- CEJST method for identifying the disadvantaged communities (based on the [CEJST report on methodology](#))

Dimension	Definition
Climate change	Communities are identified as disadvantaged if they are in census tracts that: ARE at or above the 90th percentile for expected agriculture loss rate OR expected building loss rate OR expected population loss rate OR projected flood risk OR projected wildfire risk. AND are at or above the 65th percentile for low income
Energy	Communities are identified as disadvantaged if they are in census tracts that: ARE at or above the 90th percentile for energy cost OR PM2.5 in the air. AND are at or above the 65th percentile for low income
Health	Communities are identified as disadvantaged if they are in census tracts that: ARE at or above the 90th percentile for asthma OR diabetes OR heart disease OR low life expectancy. AND are at or above the 65th percentile for low income
Housing	Communities are identified as disadvantaged if they are in census tracts that:

	<p>Experienced historic underinvestment OR are at or above the 90th percentile for housing cost OR lack of green space OR lack of indoor plumbing OR lead paint.</p> <p>AND are at or above the 65th percentile for low income</p>
Legacy pollution	<p>Communities are identified as disadvantaged if they are in census tracts that: Have at least one abandoned mine land OR Formerly Used Defense Sites OR are at or above the 90th percentile for proximity to hazardous waste facilities OR proximity to Superfund sites (National Priorities List (NPL)) OR proximity to Risk Management Plan (RMP) facilities.</p> <p>AND are at or above the 65th percentile for low income</p>
Transportation	<p>Communities are identified as disadvantaged if they are in census tracts that: ARE at or above the 90th percentile for diesel particulate matter exposure OR transportation barriers OR traffic proximity and volume.</p> <p>AND are at or above the 65th percentile for low income</p>
Water and wastewater	<p>Communities are identified as disadvantaged if they are in census tracts that: ARE at or above the 90th percentile for underground storage tanks and releases OR wastewater discharge.</p> <p>AND are at or above the 65th percentile for low income</p>
Workforce development	<p>Communities are identified as disadvantaged if they are in census tracts that: ARE at or above the 90th percentile for linguistic isolation OR low median income OR poverty OR unemployment.</p> <p>AND more than 10% of people ages 25 years or older whose high school education is less than a high school diploma</p>

Implementation

A total of 19 agencies have released their covered programs under the [Justice40 Initiative](#). The Justice40 eligible projects in each organization is as follows:

U.S. Army Corps of Engineers (Army Corps)

1. Aquatic Ecosystem Restoration – Construction
2. Aquatic Ecosystem Restoration – Investigations
3. Flood and Storm Damage Reduction Program – Construction
4. Flood and Storm Damage Reduction Program – Investigations
5. Continuing Authorities Program
6. Floodplain Management Services
7. Planning Assistance to States
8. Tribal Partnership Program (Section 203 of WRDA 2000, as amended)
9. Pilot Programs on the Formulation of Corps of Engineers Projects in Rural Communities and Economically Disadvantaged Communities (Section 118 of WRDA 2020)
10. Pilot Program for Continuing Authority Projects in Small or Disadvantaged Communities (Section 165 of WRDA 2020)
11. Formerly Utilized Sites Remedial Action Program (FUSRAP)

Corporation for National and Community Service (AmeriCorps)

1. AmeriCorps NCCC
2. AmeriCorps Seniors RSVP
3. AmeriCorps State and National formula grants
4. AmeriCorps State and National competitive grants
5. AmeriCorps VISTA

Department of Agriculture

Agricultural Research Service (ARS)

1. ARS 1890 Faculty Research Program
2. ARS Outreach Activities Associated with Underserved/Underrepresented Populations
3. Clean Energy
4. Climate Change

Farm Service Agency (FSA)

5. Agriculture Risk Coverage Program
6. Conservation Reserve Enhancement Program
7. Conservation Reserve Program
8. Dairy Margin Coverage
9. Direct Farm Operating Loans
10. Farm Storage Facility Loan
11. Food Production and Conservation Business Center Hazardous Waste Cleanup Program
12. FSA County Committees (Urban Agriculture Pilot Locations)
13. Grassland Conservation Reserve Program

14. Guaranteed Conservation Loans
15. Organic Certification Cost Share Program
16. Price Loss Coverage
17. Transition Incentives Program

Forest Service

18. Abandoned Hard Rock Mine and Orphaned Oil and Gas Well Reclamation
19. Climate-related Training
20. Collaborative Forest Landscape Restoration Program
21. Ecological Health Restoration Contracts
22. Financial Assistance to Facilities That Purchase and Process Byproducts for Ecosystem Restoration Projects
23. Hazardous Fuels Management
24. Joint Chiefs Landscape Restoration Partnership
25. Land and Water Conservation Fund
26. Landscape Scale Restoration Water Quality and Fish Passage
27. Recreation Sites
28. Reducing Wildfire Risk to Tribes, Underserved, and Socially Vulnerable Communities
29. Restoration Projects Via States and Tribes
30. Restore Native Vegetation on Federal/Non-Federal Land
31. Revegetation Effort to Implement National Seed Strategy
32. Tribal Authorities
33. Urban and Community Forestry Program

National Institute of Food and Agriculture (NIFA)

34. Bioproduct Research Program
35. NIFA Workforce Development, Climate Research, and Extension Programs Benefitting Underserved Communities

Natural Resources Conservation Service (NRCS)

36. Agricultural Conservation Easement Program
37. Agricultural Management Assistance
38. Conservation Operations Conservation Technical Assistance (CTA)
39. Conservation Stewardship Program
40. Environmental Quality Incentives Program
41. Healthy Forest Reserve Program
42. Joint Chiefs Landscape Restoration Partnership (JCLRP)
43. Regional Conservation Partnership Program
44. Urban Agriculture and Innovative Production
45. Watershed and Flood Prevention Operations
46. Watershed Rehabilitation Program

Risk Management Agency (RMA)

47. Agricultural Management Assistance (AMA)
48. Risk Management Education (RME) Partnership Program

Rural Business-Cooperative Service (RBCS)

49. Rural Energy for America Grant program
50. Rural Energy for America Loan program

Rural Housing Service (RHS)

51. Community Facilities Direct Loans
52. Community Facilities Grants
53. Loan Guarantee and Multi-Family Programs for Underserved Communities
54. Multi-family Housing Section 521 Rental Assistance
55. Mutual and Self-Help Housing Grants
56. Single Family Housing Direct Loans

Rural Utilities Service (RUS)

57. Distributed Generation Energy Project Financing
58. Electric Infrastructure Program
59. Energy Efficiency and Conservation Loan Program
60. Energy Resource Conservation Program
61. High Energy Cost Grant
62. Rural Energy Savings Program
63. Water and Waste Direct Loan
64. Water and Waste Grant

Department-wide

65. USDA Climate Hubs

Department of Commerce

National Oceanic and Atmospheric Administration (NOAA)

1. National Integrated Heat Health Information System (NIHHIS)- Extreme Heat Risk Initiative: Urban Climate Science for Decision-making and Evaluation of Heat-Health Interventions
2. National Integrated Heat Health Information System (NIHHIS): Urban Heat Island Mapping
3. Regional Integrated Sciences and Assessments
4. Habitat Restoration
5. Fish Passage
6. Sea Grant
7. Coastal Zone Management Grants

Economic Development Administration (EDA)

8. Assistance to Energy Transition Communities

National Institute of Standards and Technology (NIST)

9. Community Resilience Program

Department of Energy

Advanced Research Projects Agency - Energy (ARPA-E)

1. Advanced Research Projects Agency – Energy

Bonneville Power Administration (BPA)

2. American Indian Science and Engineering Society (AISES) Internship Partnership
3. Carbon-Free and Flexible Hydropower and Nuclear Capacity and Energy
4. Energy Efficiency
5. Fish and Wildlife Mitigation Program
6. Power Marketing Administration Transmission Borrowing Authority
7. Public Processes incl. 7(i) rate cases
8. Statutory Mandate for reliability, safety, and security of the Federal Columbia River Power System
9. Tribal Science, Technology, Engineering and Math (STEM) Grant Program

Federal Energy Management Program (FEMP)

10. Assisting Federal Facilities with Energy Conservation Technologies Grant Program
11. Federal Energy Management Program

Grid Deployment Office (GDO)

12. Advanced Energy Security Program
13. Civil Nuclear Credit Program
14. Hydroelectric Production Incentives
15. Maintaining and Enhancing Hydroelectricity Incentives
16. Preventing Outages and Enhancing the Resilience of the Electric Grid / Hazard Hardening
17. Program Upgrading Our Electric Grid and Ensuring Reliability and Resiliency
18. Hydroelectric Efficiency Improvement Incentives
19. Smart Grid Investment Matching Grant Program
20. Transmission Facilitation Program

Loan Programs Office (LPO)

21. Advanced Technology Vehicles Manufacturing Loan Program (ATVM)
22. Carbon Dioxide Transportation Infrastructure Finance and Innovation Program
23. Carbon Infrastructure Finance and Innovation Act (CIFIA)
24. Title XVII Innovative Energy Loan Guarantee Program
25. Tribal Energy Loan Guarantee Program

Office of Clean Energy Demonstrations (OCED)

26. Advanced Reactor Demonstration Program
27. Carbon Capture Demonstration Projects Program
28. Carbon Capture Large-Scale Pilot Programs
29. Clean Energy Demonstrations on Current and Former Mine Lands
30. Energy Improvement in Rural and Remote Areas
31. Energy Storage Demonstration Pilot Grant Program
32. Industrial Emissions Demonstration Projects

- 33. Long-Duration Energy Storage Demonstration Initiative and Joint Program
- 34. Regional Clean Hydrogen Hubs

Office of Cybersecurity, Energy Security, and Emergency Response (CESER)

- 35. Cybersecurity for the Energy Sector Research, Development, and Demonstration Program
- 36. Preparedness, Policy, and Risk Analysis (PPRA) (formerly Information Sharing, Partnerships, and Exercises (ISPE))
- 37. Response and Restoration (R&R)
- 38. Rural and Municipal Utility Advances Cybersecurity Grant and Technical Assistance Program

Office of Economic Impact and Diversity (ED)

- 39. Minority Education, Workforce Development, and Training (MEWT)

Office of Electricity (OE)

- 40. Communities Local Energy Action Program (LEAP)
- 41. Energy Storage
- 42. Energy Storage - Demonstration and Deployment
- 43. Resilient Distribution Systems

Office of Energy Efficiency and Renewable Energy (EERE)

- 44. Advanced Manufacturing Office
- 45. Bioenergy Technologies Office
- 46. Building Technologies Office
- 47. Clean Hydrogen Electrolysis Program
- 48. Clean Hydrogen Manufacturing Recycling Research, Development, and Demonstration Program
- 49. Cost-effective Codes Implementation for Efficiency and Resilience
- 50. Electric Drive Vehicle Battery Recycling and 2nd Life Apps
- 51. Enhanced Geothermal Systems and Pilot Demonstrations
- 52. Geothermal Technologies Office
- 53. Hydrogen and Fuel Cell Technologies Office
- 54. Hydropower Research, Development, and Demonstration
- 55. Lithium-Ion Recycling Prize
- 56. Marine Energy Research, Development, and Demonstration
- 57. National Marine Energy Centers
- 58. New Solar Research & Development
- 59. Pumped Storage Hydropower Wind and Solar Integration and System Reliability Initiative
- 60. Solar Energy Research and Development
- 61. Solar Energy Technologies Office
- 62. Solar Recycling Research & Development
- 63. Strategic Programs
- 64. Vehicle Technologies Office
- 65. Water Power Technologies Office
- 66. Wind Energy Tech Recycling Research & Development

67. Wind Energy Technologies Office
68. Wind Energy Technology Program
69. Community Engagement Cooperative Agreements Related to Soil & Groundwater Remediation
70. Community Engagement Grants Related to Soil & Groundwater Remediation
71. Non-Superfund Soil & Groundwater Remediation Los Alamos National Lab (EM-LA)
72. Non-Superfund Soil & Groundwater Remediation Moab
73. Non-Superfund Soil & Groundwater Remediation Nevada National Security Site
74. Non-Superfund Soil & Groundwater Remediation Sandia National Lab
75. Superfund Soil & Groundwater Remediation Idaho National Lab
76. Superfund Soil & Groundwater Remediation Lawrence Livermore National Lab
77. Superfund Soil & Groundwater Remediation Richland
78. Superfund Soil & Groundwater Remediation Savannah River Site

Office of Fossil Energy and Carbon Management (FECM)

79. Advanced Energy and Hydrogen Systems
80. Carbon Capture
81. Carbon Capture Technology Program
82. Carbon Storage
83. Carbon Storage Validation and Testing
84. Carbon Utilization
85. Carbon Utilization Program
86. Commercial Direct Air Capture Technology Prize Competition
87. Critical Material Innovation, Efficiency, and Alternatives
88. Critical Material Supply Chain Research Facility
89. Crosscutting Research
90. Mineral Sustainability
91. Orphan Well Site Plugging, Remediation, and Restoration
92. Pre-Commercial Direct Air Capture Prize Competitions
93. Rare Earth Security Activities
94. Regional Direct Air Capture Hubs
95. Resource Technologies and Sustainability

Office of Indian Energy Policy and Programs (IE)

96. Indian Energy

Office of Legacy Management (LM)

97. Legacy Management Contractor Services
98. Legacy Management Cooperative Agreements
99. Legacy Management Discretionary Grants

Office of Manufacturing and Energy Supply Chains (MSC)

100. Advanced Energy Manufacturing and Recycling Grants
101. Battery and Critical Mineral Recycling: Battery Recycling Research, Development, and Demonstration Grants

102. Battery Manufacturing and Recycling Grants
103. Battery Materials Processing Grants
104. Energy Efficient Transformer Rebates
105. Extended Product System Rebates
106. Industrial Research and Assessment Center Implementation Grants
107. Industrial Research and Assessment Centers
108. State Manufacturing Leadership
109. Rare Earth Elements Demonstration Facility

Office of Nuclear Energy (NE)

110. Demonstration Reactor 2 (Natrium)
111. Fuel Cycle Research and Development (FCRD)
112. Nuclear Energy Enabling Technologies (NEET)
113. Nuclear Energy University Program (NEUP), SBIR/STTR, and Technology Commercialization Fund (TCF)
114. Reactor Concepts Research, Development and Demonstration (RD&D)
115. Supercritical Transformational Electric Power (STEP)
116. University Nuclear Leadership Program (UNLP) – formerly Integrated University Program (IUP)
117. Versatile Test Reactor Project (VTR)

Office of Safety, Infrastructure, and Operations (NNSA)

118. Long-Term Stewardship (LTS)

Office of Science (SC)

119. Advanced Scientific Computing Research (ASCR) – MSI Grants
120. Basic Energy Sciences (BES) – MSI Grants
121. Biological and Environmental Research (BER) – Climate Initiatives at MSIs
122. Biological and Environmental Research (BER) – MSI Grants
123. Office of Science (SC) – Funding for Accelerated, Inclusive Research (FAIR) Initiative
124. Fusion Energy Sciences (FES) – MSI Grants
125. Office of Science (SC) – Reaching a New Energy Sciences Workforce (RENEW) Initiative
126. Small Business Innovation Research (SBIR)
127. Small Business Technology Transfer (STTR)

Office of State and Community Energy Programs (SCP)

128. Building, Training, and Assessment Centers
129. Career Skills Training
130. Energy Auditor Training Grant Program
131. Energy Efficiency and Conservation Block Grant Program (EECBG)
132. Energy Efficiency Materials Pilot Program
133. Energy Efficiency Revolving Loan Fund Capitalization Grant Program
134. Energy Future Grant
135. Grants for Energy Efficiency and Renewable Energy Improvements at Public School Facilities

- 136. Low-Income Energy Affordability Data (LEAD) Tool
- 137. State and Local Planning for Energy (SLOPE) Platform
- 138. State Energy Program
- 139. Weatherization Assistance Program

Office of Technology Transitions (OTT)

- 140. Energy Program for Innovation Clusters (EPIC)
- 141. EnergyTech UP
- 142. Entrepreneurship Program

Southeastern Power Administration (SEPA)

- 143. Southeastern Power Administration

Southwestern Power Administration (SWPA)

- 144. Southwestern Power Administration

Western Area Power Administration (WAPA)

- 145. Western Area Power Administration
- 146. Western Area Power Purchase of Power and Transmission Services

Department of Health and Human Services

Centers for Disease Control and Prevention

- 1. Agency for Toxic Substances and Disease Registry (ATSDR) - Office of Community Health and Hazard Assessment (OCHHA)
- 2. ATSDR - Partnership to Promote Local Efforts to Reduce Environmental Exposure (APPLETREE)
- 3. ATSDR - Pediatric Environmental Health Specialty Units (PEHSUs)
- 4. Climate Ready States Initiative (CRSI)
- 5. Flint Lead Exposure Registry (Flint Registry)

National Institutes of Health

- 6. National Institute of Environmental Health Sciences (NIEHS) Environmental Career Worker Training Program (ECWTP)

Administration for Children and Families

- 7. Community Economic Development (CED)
- 8. Community Services Block Grant (CSBG)
- 9. Low Income Home Energy Assistance Program (LIHEAP)
- 10. Low Income Household Water Assistance Program (LIHWAP)
- 11. Rural Community Economic Development Program (RCD)

Assistant Secretary for Administration

- 12. Federal Real Property Assistance Program (FRPAP)

Indian Health Service

- 13. Sanitation Facilities Construction (SFC) Program

Department of Homeland Security

- Federal Emergency Management Agency
 1. Building Resilient Infrastructure and Communities (BRIC) Program
 2. Flood Mitigation Assistance (FMA) Program
 3. Regional Catastrophic Preparedness Grant Program (RCPGP)
 4. Risk Mapping, Assessment, and Planning (Risk MAP) Program

Department of Housing and Urban Development

Department-wide

1. Choice Neighborhoods
2. Community Development Block Grant – Disaster Recovery
3. Community Development Block Grant – Entitlement/Non-Entitlement Grant
4. FHA Mortgage Insurance for Multi-Family Rental and Other Housing (GI/SRI Fund)
5. FHA Mortgage Insurance for Single-Family Housing (MMI Fund)
6. HOME Investment Partnerships Program
7. Housing for Persons with Disabilities – New Units
8. Housing for the Elderly – New Units
9. Housing Trust Fund
10. Lead Hazard Reduction and Healthy Homes Grants

Native American Programs

11. Competitive Set Aside for Construction and Rehabilitation
12. Indian Community Development Block Grants
13. Native American Housing Block Grants
14. Title VI Loan Guarantee Program
15. Native Hawaiian Housing Block Grants
16. Public Housing Health Hazards
17. Rental Assistance Demonstration
18. Self-Help and Assisted Homeownership Opportunity Program (SHOP)
19. Tenant-Based Rental Assistance (Housing Choice Vouchers)
20. Project-Based Rental Assistance
21. Public Housing Fund
22. Housing for the Elderly – Contract Renewals
23. Housing for Persons with Disabilities – Contract Renewals
24. Housing Opportunities for Persons with AIDS

Department of the Interior

Bureau of Land Management

1. Abandoned Mine Lands, Hazardous Materials Management
2. Land and Water Conservation Fund
3. Orphan Well Program
4. Seeds for Success

Bureau of Reclamation

5. Authorized Rural Water Projects
6. Native American Affairs Program
7. Other Water Infrastructure Activities
8. Tribal Water Rights Settlements
9. Water Recycling
10. Watershed Management Projects
11. WaterSMART

Bureau of Indian Affairs

12. Climate, Environmental and Cultural Resources
13. Community and Economic Development
14. Economic Development (TPA)
15. Forestry
16. Geospatial Services
17. Housing Improvement Program
18. Indian Water Rights Settlements
19. Missing and Murdered Indigenous Persons
20. Office of Trust Services - Natural Resources Management
21. Office of Trust Services - Operations of Indian Programs: Energy, Minerals and Mining Development
22. Operation of Indian Programs and Construction - Water and Power
23. Safety of Dams, Water Sanitation, And Other Facilities
24. Tribal Climate Resilience - Adaptation Planning
25. Tribal Climate Resilience - Community Relocation
26. Tribal Irrigation and Power Systems

Bureau of Indian Education

27. Education Information Technology
28. 28. Employee Housing
29. Post-Secondary Programs
30. School Construction, Improvement and Repair
31. School Facility Operations and Maintenance
32. Student Transportation

Bureau of Ocean Energy Management

33. The Alaska Native Science and Engineering Program

Bureau of Safety and Environmental Enforcement

34. Offshore Orphaned Infrastructure Decommissioning
35. The Alaska Native Science and Engineering Program

Fish and Wildlife Service

36. Benefits to Private Lands
37. Fish Passage Improvements
38. Land Acquisition Species

39. Land and Water Conservation Fund
40. Urban Wildlife Conservation
41. Wildlife Conservation Grants
42. Youth Programs

National Park Service

43. Conservation and Outdoor Recreation
44. Environmental Management Program (EMP)
45. Land and Water Conservation Fund
46. Youth and Volunteer Programs

Office of Surface Mining Reclamation and Enforcement

47. Abandoned Mine Land Economic Revitalization (AMLER)
48. Abandoned Mine Reclamation Fund
49. Abandoned Mine Reclamation Fund

Office of Insular Affairs

50. Brown Tree Snake Control
51. Capital Improvement Project Grants
52. Coral Reef Initiative & Natural Resources
53. Energizing Insular Communities
54. Maintenance Assistance Fund
55. Technical Assistance

Department-Wide Programs

56. Burned Area Rehabilitation
57. Central Hazardous Materials Fund
58. Ecosystem Restoration
59. Emergency Stabilization
60. Energy Community Revitalization Program
61. Fire Facilities
62. Fuels Management
63. Orphaned Well Site Plugging, Remediation, And Restoration
64. Preparedness
65. Urban Waters

Department of Labor

Employment and Training Administration

1. Job Corps
2. Reentry Employment Opportunities (REO) Program
3. Workforce Opportunities in Rural Communities (WORC) Grant Program
4. YouthBuild Program

Department of State

International Commissions

1. International Boundary Waters Commission – Construction

Department of Transportation

Federal Highway Administration (FHWA)

1. Carbon Reduction Program
2. Charging & Fueling Infrastructure Grants
3. Congestion Mitigation and Air Quality Improvement Program
4. Congestion Relief Program
5. Disadvantaged Business Enterprise Supportive Services
6. National Electric Vehicle Competitive Program
7. National Electric Vehicle Formula Program
8. Nationally Significant Federal Lands and Tribal Projects
9. On the Job Supportive Services
10. Promoting Resilient Operations for Transformative, Efficient, and Cost-saving Transportation (PROTECT) (23 USC 176)
11. Protect Grants (23 USC 176(d))
12. Reduction of Truck Emissions at Port Facilities
13. Transportation Alternatives (Surface Transportation Block Grant set-aside)
14. Tribal High Priority Projects Program
15. Tribal Transportation Facility Bridges (Bridge Investment Program set-aside)
16. Tribal Transportation Facility Bridges (Bridge Replacement, Rehabilitation, Preservation, Protection and Construction set-aside)
17. Tribal Transportation Program

Federal Railroad Administration (FRA)

18. Consolidated Rail Infrastructure and Safety Improvements
19. Federal-State Partnership for Intercity Passenger Rail
20. Railroad Crossing Elimination Program

Federal Transportation Administration (FTA)

21. All Station Accessibility Program (ASAP)
22. Buses and Bus Facilities Competitive Program
23. Buses and Bus Facilities Program Formula
24. Electric or Low-Emitting Ferry Program
25. Fixed Guideway Capital Investment Grants (CIG)
26. Low or No Emission Vehicle Program
27. Passenger Ferry Grant Program
28. Innovative Coordinated Access and Mobility Pilot Program
29. Rural Transit Funding Programs (Public Transportation on Indian Reservations Competitive)
30. Transit-Oriented Development (TOD) Planning Program

Maritime Administration (MARAD)

31. America's Marine Highway Program
32. Port Infrastructure Development Program

Office of the Secretary of Transportation (OST)

33. National Infrastructure Project Assistance (MEGA)
34. Nationally Significant Multimodal Freight and Highway Projects (INFRA)
35. Rebuilding America's Infrastructure with Sustainability and Equity (RAISE)
36. Reconnecting Communities Grant Program
37. Safe Streets & Roads for All
38. SMART (Strengthening Mobility and Revolutionizing Transportation)
39. Thriving Communities Program

Department of Veterans Affairs

Veterans Benefits Administration

1. Energy Efficient Mortgages (EEM) Program

Environmental Protection Agency

1. Alaska Native Villages
2. American Rescue Plan – Diesel Emissions Reduction Act (DERA) rebate program
3. American Rescue Plan – Direct Awards to Air Agencies for Continuous Monitoring of PM2.5 and Other Common Air Pollutants
4. American Rescue Plan – Enhanced Regional Capacity for Short-term Community Monitoring Needs
5. American Rescue Plan – Grant Competition for Community Monitoring
6. Brownfields Projects Program
7. Categorical Grant: Beaches Protection
8. Categorical Grant: Brownfields
9. Categorical Grant: Lead
10. Categorical Grant: Pesticides Program Implementation
11. Categorical Grant: Pollution Prevention (P2)
12. Categorical Grant: Tribal Air Quality Management
13. Categorical Grant: Wetlands Program Development Grant
14. Children and Other Sensitive Populations: Agency Coordination
15. Clean School Bus Program
16. Clean Water State Revolving Fund 17. Clean Water State Revolving Fund-Emerging Contaminants
17. Compliance Advisor Program
18. Compliance Monitoring (On-Site Inspections)
19. Conflict Prevention and Resolution Center (CPRC)
20. Diesel Emissions Reductions Act (DERA) Program
21. Drinking Water Infrastructure Resiliency and Sustainability Grant Program
22. Drinking Water State Revolving Fund Emerging Contaminants (incl. PFAS)
23. Drinking Water State Revolving Fund Lead Service Lines Replacement 25. Drinking Water State Revolving Fund
24. Environmental Education
25. Environmental Information

26. Environmental Justice Program
27. Facilities Infrastructure and Operations (clean energy and energy efficiency) Buildings and Facilities (BF)
30. Facilities Infrastructure and Operations (climate)
28. Federal Support for Air Quality Management (American Indian Air Quality Training Program)
29. Gulf Hypoxia Program
30. 33. Lead Risk Reduction Program
31. Lead Testing in School and Child Care Grant Program
32. Leaking Underground Storage Tank (LUST)/Underground Storage Tank (UST)
33. LUST Cooperative Agreements
34. Multi – Senior Environmental Employment (SEE) – Environmental Programs and Management (EPM)
35. Multi – SEE – Federal Insecticide, Fungicide and Rodenticide Act (FIFRA)
36. Multi – SEE – Inspector General (IG)
37. Multi – SEE – Leaking Underground Storage Tanks (LUST)
38. Multi – SEE – Oil Spills (OIL)
39. Multi – SEE – Pesticide Registration Improvement Act (PRIA)
40. Multi – SEE – Science and Technology (ST)
41. Multi – SEE – State Tribal Assistance Grants (STAG)
42. Multi – SEE – Superfund (SF)
43. National Estuary Program
44. Nonpoint Source (Section 319) Grant Program
45. Office of Community Revitalization
46. Office of Water Geographic Programs
47. Oil Spill Prevention and Preparedness
48. Pesticides: Protect Human Health from Pesticide Risk
49. Pesticides: Realize the Value of Pesticide Availability
50. Pollution Prevention (P2) Program
51. Pollution Prevention Grants
52. Ports Initiative EJ Small Grants
53. Recycling Education and Outreach Grants
54. Reduce Risks from Indoor Air
55. Reduction of Lead in Drinking Water Grant Program
56. Sewer Overflow Control Grants Program
57. Small and Disadvantaged Communities Drinking Water Grant Program
58. Small System Training and Technical Assistance Grant
59. Solid Waste Infrastructure for Recycling Grants
60. State and Local Prevention and Preparedness
61. Superfund Emergency Response and Removal
62. Superfund Remedial Program
63. Targeted Airshed Grants

64. Technical Assistance for Treatment Works Program
65. Toxics Release Inventory (TRI) / Community Right-to-Know Program
66. 69. Tribal General Assistance Program
67. US Mexico Border Program
68. US-Mexico Border Water Infrastructure Program
69. Water Infrastructure Finance and Innovation Act (WIFIA) Program
70. Water Infrastructure Improvements for the Nation Small and Underserved Communities Emerging Contaminants Grant Program

National Aeronautics and Space Administration

1. Applied Sciences: Community Action
2. Applied Sciences: Climate Resilience

National Science Foundation

1. Civic Innovation Challenge (CIVIC)
2. Coastlines and People (COPE) program
3. Smart & Connected Communities (S&CC)

Appalachian Regional Commission¹

1. Appalachian Regional Commission Grants

Delta Regional Authority²

1. Delta Regional Authority Grants

Denali Commission³

1. Denali Commission Grants

Policy Priorities

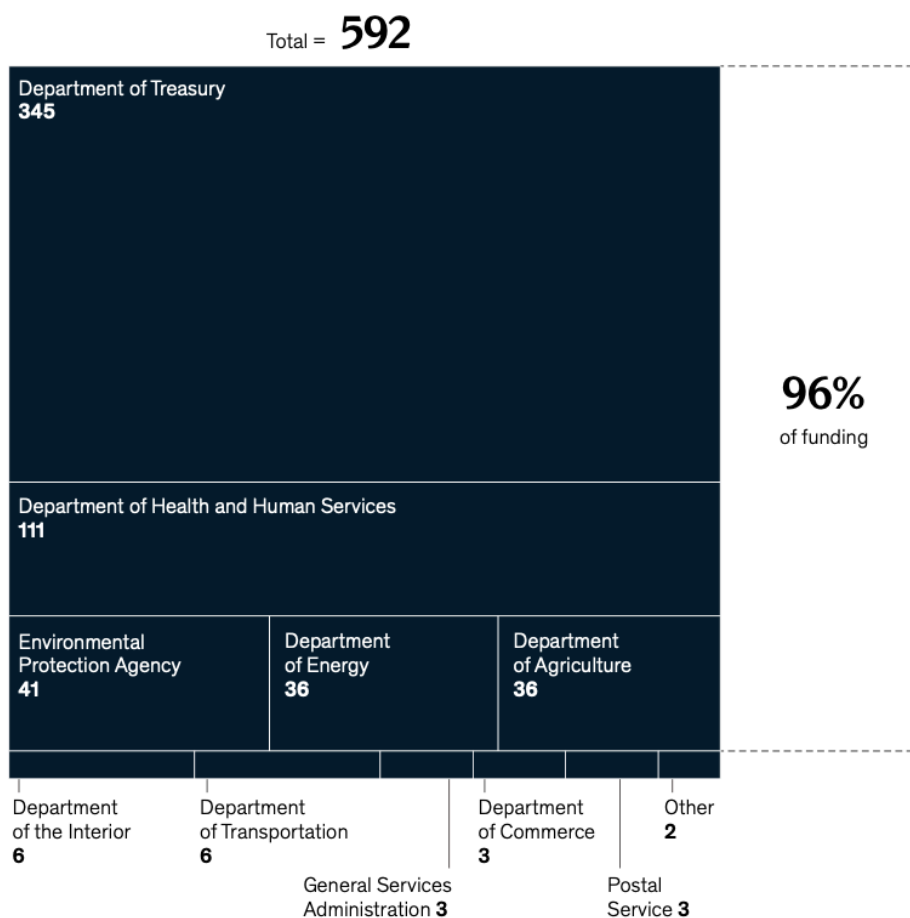
Five US government agencies account for 96 percent of the Inflation Reduction Act funding ([McKinsey, 2022](#)).

¹ The Appalachian Regional Commission (ARC) is a Federal-State partnership that invests in sustainable economic development in the 423-county Appalachian Region. ARC is participating in Justice40 through its grantmaking activities, including Bipartisan Infrastructure Law-funded activities.

² The Delta Regional Authority (DRA) is a joint Federal-State collaboration created to address the economic needs of the eight-state, 252 county/parish Mississippi Delta region. DRA is participating in Justice40 through its grantmaking activities, including Bipartisan Infrastructure Law-funded activities.

³ The Denali Commission is an independent federal agency created to provide critical utilities, infrastructure, and economic support throughout Alaska. The Denali Commission is participating in Justice40 through its grantmaking activities, including Bipartisan Infrastructure Law-funded activities.

Figure 1- Inflation Reduction Act funding by government agency, \$ billion (McKinsey, 2022)



This exhibit reflects analysis of the appropriation figures contained in the Inflation Reduction Act, as well as those reported by the Congressional Budget Office and Joint Committee on Taxation. This analysis may differ from other analyses due to differences in methodology. Source: Inflation Reduction Act of 2022, H.R. 5376, 117th Cong. (2021–22)

Mapping Tools

At the Federal level, the Energy Justice ([EJ](#)) map of the Department of Energy, the Climate and Economic Justice Screening Tool ([CEJST](#)) of the Council of Environmental Quality, the Equitable Transportation Community Explorer ([ETC](#)) of Department of Transportation and the Environmental Protection Agency’s [EJScreen](#) Tool provide mapping tools for identifying the disadvantaged communities.

Some agencies, such as the Department of Energy, accept the State-level tools and definitions for identifying the disadvantaged communities as well. For the case of Department of Energy, once the State-level definitions and tools conforms to following conditions, applicants can use them as their point of reference:

Table 3- State-Level Mapping Tool for Disadvantaged Communities (Justice40 Implementation Guide of Department of Energy)

Pillar	Characteristic
Definition	Definition of community conforms with the OMB guidance: “Community” is defined as either a group of individuals living in geographic proximity to one another, or a geographically dispersed set of individuals (such as migrant workers or Native Americans), where either type of group experiences common conditions.”
Indicators	<p>Apply at least two of the following indicators when identifying the disadvantaged communities:</p> <ul style="list-style-type: none"> • Low income, high and/or persistent poverty • High unemployment and underemployment • Racial and ethnic residential segregation, particularly where the segregation stems from discrimination by government entities • Linguistic isolation • High housing cost burden and substandard housing • Distressed neighborhoods • High transportation cost burden and/or low transportation access • Disproportionate environmental stressor burden and high cumulative impacts • Limited water and sanitation access and affordability • Disproportionate impacts from climate change • High energy cost burden and low energy access • Jobs lost through the energy transition • Access to healthcare
Mapping in operation	The disadvantaged communities are mapped in software or can be easily overlaid in GIS.

Chapter 9 in Article 3.1 under Title 6 of [Indiana Code](#) considers special provisions for the disadvantaged areas. Based on this definition, 156 out of total 1511 Indiana census tracts are identified as disadvantaged areas and certified as designated as opportunity zones by the U.S. Department of Treasury (figure 2). The [Federal Opportunity Zone program](#) was created in the 2017 Tax Cuts and Jobs Act and provides federal capital gains and tax incentives to attract private sector investment to low-income urban and rural communities.

To be eligible as an Opportunity Zone, census tracts had to qualify as “low-income”. To do so, the census tract must have met one of the [following requirements](#):

1. The tract has a poverty rate of at least 20%; OR
2. (A) For a census tract in a metropolitan area, the tract’s median family income does not exceed 80% of the greater of: the metropolitan area median family income or the statewide median family income; or (B) For a census tract in a non-metropolitan area, the tract does not exceed 80% of the statewide median family income.

3. However, if the census tract is located within a high migration rural county, the tract qualified as low-income if it did not exceed 85% (as opposed to 80%) of statewide median family income. A “high migration rural county” is any rural county that, during the 20-year period ending with the year in which the most recent census was conducted, has a net outmigration of inhabitants from the county of at least 10% of the county population at the beginning of such period.

Figure 2- Indiana Opportunity Zones, 2022 (source: [Indiana Government](#))

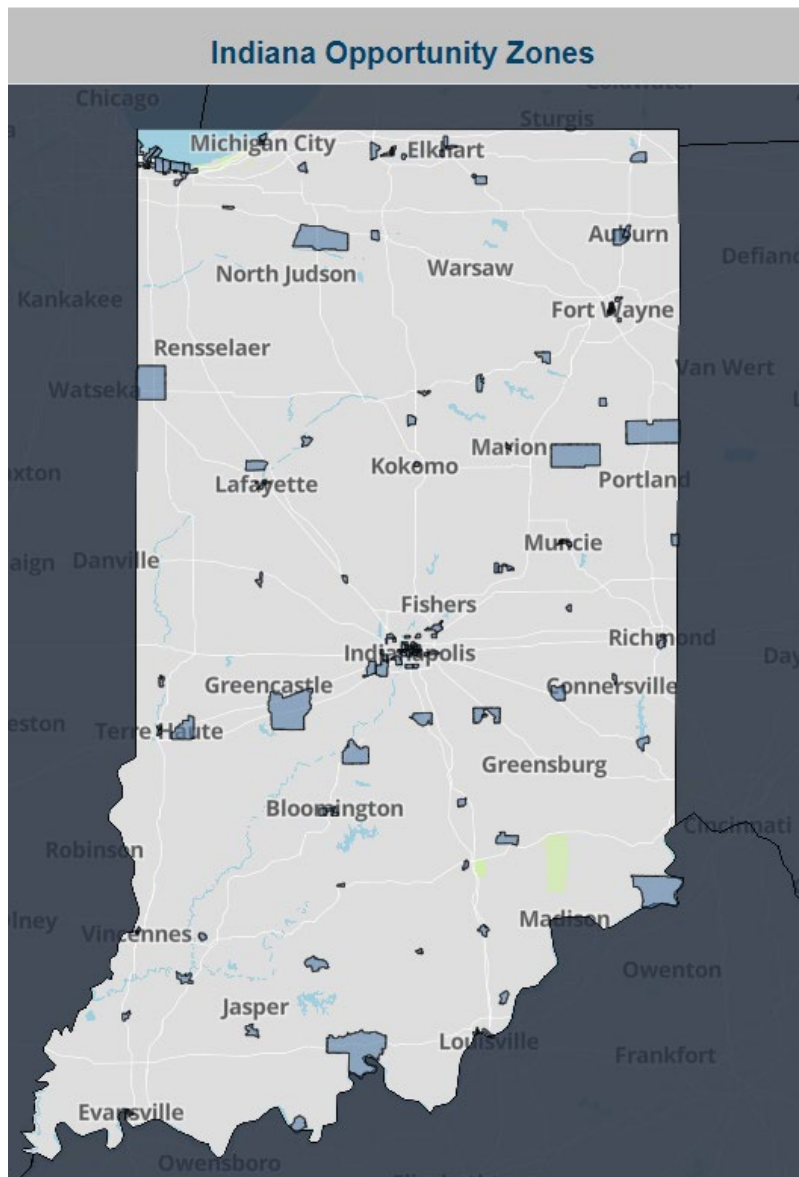


Table 4 shows the tools and definitions approved by different departments of the Federal government for identifying the disadvantaged communities.

Table 4- Tools and definitions approved by different department for identifying the disadvantaged communities (based on the analys of the author)

Agencies	EJ	CEJST	ETC	Other	Explanation
U.S. Army Corps of Engineers (Army Corps)	✓	✓			Default tool is CEJST, with a focus on climate change, critical clean water and waste infrastructure parameters. More support from EJScreen Tool and state-specific tools are complementary.
Corporation for National and Community Service (AmeriCorps)		✓			No information in the documents. CEJST is the default mapping option for all agencies.
Department of Agriculture		✓			No information in the documents. CEJST is the default mapping option for all agencies.
Department of Commerce		✓			No information in the documents. CEJST is the default mapping option for all agencies.
Department of Energy ⁴	✓	✓		Opportunity Zones	
Department of Health and Human Services		✓			No information in the documents. CEJST is the default mapping option for all agencies. It has developed the Environmental Justice Index , the first national geographic-driven tool designed to measure the cumulative impacts of environmental burden through the lenses of human health and health equity.

⁴ Page 10 in [Final DOE Justice40 General Guidance 072522.pdf \(energy.gov\)](#)

Department of Homeland Security		✓			No information in the documents. CEJST is the default mapping option for all agencies.
Department of Housing and Urban Development		✓			CEJST
Department of the Interior				Bureau of Land Management (BLM) developed an environmental justice mapping tool that provides nationally consistent demographic data to facilitate identifying potential low-income, minority, and Tribal populations for environmental justice screenings, creating visualizations, and consideration in planning public engagement. This tool is available internally to all DOI employees.	
Department of Labor		✓			CJEST
Department of State					No information in the documents. CEJST is the default mapping option for all agencies.
Department of Transportation		✓	✓		Equitable Transportation Community (ETC) Explorer as a complement for CEJST
Department of Veterans Affairs		✓			No information in the documents. CEJST is the default mapping option for all agencies.

Environmental Protection Agency		✓			CEJST ⁵
National Aeronautics and Space Administration		✓			No information in the documents. CEJST is the default mapping option for all agencies.
National Science Foundation		✓			No information in the documents. CEJST is the default mapping option for all agencies.
Appalachian Regional Commission		✓			No information in the documents. CEJST is the default mapping option for all agencies.
Delta Regional Authority		✓			CEJST
Denali Commission		✓			No information in the documents. CEJST is the default mapping option for all agencies.

⁵ EPA supports the White House Environmental Justice Advisory Council (WHEJAC), which provides advice to CEQ, and all agencies on Justice40 and other Administration environmental justice initiatives. Reference: <https://www.epa.gov/environmentaljustice/justice40-epa>

Appendix 1

Table 5 details important legal documents related to Justice40 initiative. The major reference for identifying these legal documents is [WHEJAC Final Report Executive Order 14008](#).

Table 5- Legal documents pertaining to the Justice40 initiative.

Legal document	Link	Date of release
Leadership And Coordination Of Non-discrimination Laws	Executive Order 12250	November 2, 1980
Enhancing The Intergovernmental Partnership	Executive Order 12875	October 26, 1993
Federal Actions To Address Environmental Justice In Minority Populations and Low-Income Populations	Executive Order 12898	February 11, 1994
Consultation And Coordination With Indian Tribal	Executive Order 13175	November 6, 2000
Executive Order On Advancing Racial Equity and Support for Underserved Communities Through the Federal Government	Executive Order 13985	January 20, 2021
Executive Order On Protecting Public Health and the Environment and Restoring Science To Tackle the Climate Crisis	Executive Order 13990	January 20, 2021
Executive Order on Tackling the Climate Crisis at Home and Abroad	Executive Order 14008	January, 27, 2021
FACT SHEET: President Biden Takes Executive Actions to Tackle the Climate Crisis at Home and Abroad, Create Jobs, and Restore Scientific Integrity Across Federal Government	Fact Sheet	January, 27, 2021
The Path to Achieving Justice40	Link	July 20, 2021
Memorandum for the heads of departments and agencies	M-21-28	July 20, 2021
White House Environmental Justice Advisory Council Final Recommendations: Justice40 Climate and Economic Justice Screening Tool & Executive Order 12898 Revisions	WHEJAC Final Report Executive Order 14008	July 2021
White House Environmental Justice Advisory Council letter to	WHEJAC Letter	March 8, 2022

The Council On Environmental Quality at Executive Office Of The President		
Executive Order on the Implementation of the Energy and Infrastructure Provisions of the Inflation Reduction Act of 2022	Executive Order 14082	September 12, 2022
Memorandum For The Heads Of Executive Departments And Agencies	M-23-09	January 27, 2023

Appendix 2

Table 6 reports the agency-specific administrative policies for the Justice40 initiative.

Table 6- Legal documents in support of engagement of different agencies in the Justice40 initiative

Department	Legal Document	Date	Link
U.S. Army Corps of Engineers (Army Corps)	Memorandum For Commanding general, U.S. Corps of Engineers- Implementation of Environmental Justice and Justice40 Initiative	March 22, 2022	Link
Corporation for National and Community Service (AmeriCorps)	Press Release: AmeriCorps Announces Programs to Join Biden-Harris Administration's Justice40 Initiative	July 15, 2022	Link
Department of Agriculture	NA		
Department of Commerce	Press Release: Department of Commerce Releases Climate Action Plan for Adaptation and Resilience	October 7, 2021	Link
Department of Energy	Secretary Granholm's Letter to Justice40 Stakeholders	July 25, 2022	Link
Department of Health and Human Services	Press Release: HHS Announces Programs to Join President Biden's Justice40 Initiative	June 24, 2022	Link
Department of Homeland Security	DHS Environmental Justice Strategy for Fiscal Years 2021-2025	March 9, 2022	Link
Department of Housing and Urban Development	Press Release: HUD Announces 24 Programs to Join Biden-Harris Administration Justice40 Initiative	July 15, 2022	Link
Department of Interior	Press Release: Interior Department Announces Programs Included in Biden-Harris Administration's Justice40 Initiative to Advance Environmental Justice	June 24, 2022	Link

Department of Labor	Press Release: US Department of Labor Announces Programs to Support Biden-Harris Administration's Justice40 Initiative	August 18, 2022	Link
Department of State	-		
Department of Transportation	Press Release: Department of Transportation Announces Programs to Join Biden-Harris Administration's Justice40 Initiative	August 18, 2022	Link
Department of Veterans Affairs	-		
Environmental Protection Agency	Press Release: EPA Releases Initial List of Programs Covered Under the Biden-Harris Administration's Justice40 Initiative	June 24, 2022	Link
National Aeronautics and Space Administration	Press Release: NASA Releases Climate Action Plan	October 7, 2021	Link
National Science Foundation	NA		
Appalachian Regional Commission	NA		
Delta Regional Authority	NA		
Denali Commission	NA		

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