



# REGIONAL LEADERSHIP COUNCIL

*Leader Hakeem Jeffries*

*Chair Steny H. Hoyer*

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## Environment & Water Projects in California's Second District

### *The Benefits of the Bipartisan Infrastructure Law and Inflation Reduction Act*

### Executive Summary

The Investing in America agenda is making historic investments in our environmental and water infrastructure.

As of April 2024, the Bipartisan Infrastructure Law (BIL) and the Inflation Reduction Act (IRA) have provided at least **\$8.6 billion** in funding for environmental and water projects that will benefit the residents of **California's Second District**. The list below identifies funding for projects in cities and counties that are part of **California's Second District**:

- \$21.4 million in Hazardous Fuels (Mechanical Thinning And Timber Harvesting; Precommercial Thinning In Young Growth) funding to Klamath River Basin – Region 5 WCS Landscape
- \$8.4 million in Community Wildfire Defense Grant Program for At-Risk Communities funding to Ukiah Valley and Mendocino Hazardous Fuels Reduction project
- \$7.4 million in Port Infrastructure Development Program Grants funding to Crescent City Harbor District Seawall Replacement project
- \$6.9 million in Water Recycling funding to North Bay Reuse Program (Phase 2 Program)
- \$5.9 million in Community Wildfire Defense Grant Program for At-Risk Communities funding to Greater Willow Creek Wildfire Resilience project
- \$5 million in Tribal Climate Resilience funding to Yurok Tribe
- \$4.5 million in National Coastal Resilience Fund funding to restoring fish passage and coastal resilience in Del Norte County, California
- \$3.8 million in Community Wildfire Defense Grant Program for At-Risk Communities funding to Middle-Trinity Community Protection project
- \$3.6 million in Community Wildfire Defense Grant Program for At-Risk Communities funding to Del Norte Wildfire Resiliency Program
- \$3.5 million in Building Resilient Infrastructure and Communities (BRIC) funding to stabilization of Tribal Housing
- \$3 million in Corps of Engineers Operation and Maintenance funding to Dry Creek (Warm Springs) Lake and Channel, CA

- \$2.6 million in Corps of Engineers Operation and Maintenance funding to Noyo River and Harbor, CA
- \$2 million in Fish Passage Program funding to Waukell and Junior Creeks Culvert Replacements project
- \$1.9 million in Neighborhood Access and Equity Grant Program funding to Rafael Meadows Safe Crossing Pathway project
- \$1.5 million in Community Wildfire Defense Grant Program for At-Risk Communities funding to Hyampom Community Protection project
- \$1.5 million in Corps of Engineers Operation and Maintenance funding to Coyote Valley Dam, Lake Mendocino, CA
- \$1.3 million in Brownfields State & Tribal Response Program funding to Yurok Tribe
- \$1.3 million in Building Resilient Infrastructure and Communities (BRIC) funding to Slope Stabilization Scenic
- \$1 million in Urban and Community Forestry Assistance Program funding to Petaluma Canopy
- \$951,000 in Solid Waste Infrastructure for Recycling Infrastructure Grants funding to Cher Ae Heights Indian Community of the Trinidad Rancheria
- \$797,000 in Removal Of Vegetation For Biochar And Innovative Wood Products funding to Hoopa Forest Industries Sawmill upgrade
- \$650,000 in Port Infrastructure Development Program Grants funding to Fisherman's Terminal Piling Replacement
- \$500,000 in Removal Of Vegetation For Biochar And Innovative Wood Products funding to Northern California Sawmills Log Flare Reducer Installations
- \$500,000 in Wind Energy Technology Program funding to Yurok Tribe – Yurok Tribe Community Outreach for Offshore Wind
- \$453,000 in Direct Federal Spending For Invasives funding to riparian invasive species removal in Trinity County
- \$450,000 in Brownfields State & Tribal Response Program funding to the Hoopa Valley Tribe
- \$300,000 in Industrial Research and Assessment Center Implementation Grants funding to the City of Fortuna, CA
- \$240,000 in Community Wildfire Defense Grant Program for At-Risk Communities funding to eland Volunteer Fire Department Fire Hazard Reduction project
- \$160,000 in Brownfields State & Tribal Response Program funding to Elk Valley Rancheria
- \$135,000 in Building Resilient Infrastructure and Communities (BRIC) funding to Cher-Ae Heights Indian Community of the Trinidad Rancheria Multi-Hazard Mitigation Plan update
- \$20,000 in Corps of Engineers Operation and Maintenance funding to Bodega Bay, CA
- \$14,000 in Rural Energy for America Program (REAP) funding to Solar PV Project
- \$8,000 in Rural Energy for America Program (REAP) funding to RES Retrofit
- \$2,000 in Construction of Ferry Boats and Ferry Terminal Facilities funding to Humboldt County Public Works

## Background

The BIL was enacted in 2021. Over the next decade, the law will invest over \$1.2 trillion in improving the reliability, resilience, and efficiency of America’s infrastructure.<sup>1</sup> The law is already making a tangible difference for millions of Americans by improving the nation’s roads, bridges, transit systems, airports, waterways, and environmental infrastructure. It also provides historic federal investments in United States’ clean water, passenger rail, and electrical transmission infrastructure, as well as expanding public transit and access to affordable, high-speed internet, and more. As of May 2024, more than 56,000 projects have been announced or awarded funding.<sup>2</sup>

The BIL also contains new funding for other environmental programs. It provides \$13.2 billion for the Congestion Mitigation and Air Quality Improvement Program (CMAQ), which can be used on projects that lower transportation-related air pollution and reduce traffic congestion, and \$6.4 billion for a new Carbon Reduction Program (CRP), which local governments can use to lower transportation-related carbon emissions.<sup>3</sup> To date, **California** will receive **\$1.5 billion** in CMAQ and **\$326.6 million** in CRP funds under the infrastructure law.<sup>4</sup>

The IRA was enacted in 2022 and is providing unprecedented federal resources to reduce greenhouse gas emissions and adapt to the effects of climate change.<sup>5</sup> In addition to creating an array of new incentives for clean energy investment, the IRA also appropriated tens of billions to support a range of environmental initiatives. These programs are helping improve the climate resiliency of the nation’s infrastructure and ecosystems, the development of new clean energy technologies, and addressing environmental and economic inequities in historically disadvantaged communities.<sup>6</sup>

## Local Projects

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<sup>1</sup> Treasury Department, Infrastructure Investment in the United States (November 15, 2023) (<https://home.treasury.gov/news/featured-stories/infrastructure-investment-in-the-united-states>).

<sup>2</sup> The White House, FACT SHEET: Biden-Harris Administration Kicks Off Infrastructure Week by Highlighting Historic Results Spurred by President Biden’s Investing in America Agenda (May 13, 2024) (<https://www.whitehouse.gov/briefing-room/statements-releases/2024/05/13/fact-sheet-biden-harris-administration-kicks-off-infrastructure-week-by-highlighting-historic-results-spurred-by-president-bidens-investing-in-america-agenda/>).

<sup>3</sup> Department of Transportation, Federal Highway Administration, *Bipartisan Infrastructure Law Fact Sheets: Congestion Mitigation and Air Quality (CMAQ) Improvement Program* (February 8, 2022). <https://www.fhwa.dot.gov/bipartisan-infrastructure-law/cmaq.cfm>. Department of Transportation, Federal Highway Administration, *Bipartisan Infrastructure Law Fact Sheets: 5-year Carbon Reduction Program by State* (April 21, 2022). ([https://www.fhwa.dot.gov/bipartisan-infrastructure-law/crp\\_5year\\_funding\\_by\\_state.cfm](https://www.fhwa.dot.gov/bipartisan-infrastructure-law/crp_5year_funding_by_state.cfm)).

<sup>4</sup> Department of Transportation, Federal Highway Administration, *Notice 4510.870: FY 2023 Federal-Aid Highway Program Apportionments Under the Bipartisan Infrastructure Law* (October 3, 2022) [https://www.fhwa.dot.gov/legsregs/directives/notices/n4510870/n4510870\\_t1.cfm](https://www.fhwa.dot.gov/legsregs/directives/notices/n4510870/n4510870_t1.cfm); Federal Highway Administration, *Bipartisan Infrastructure Law Funding* (February 14, 2023). <https://www.fhwa.dot.gov/bipartisan-infrastructure-law/funding.cfm>

<sup>5</sup> The White House, Inflation Reduction Act Guidebook: Clean Energy (September 21, 2023) (<https://www.whitehouse.gov/cleanenergy/inflation-reduction-act-guidebook/>).

<sup>6</sup> Department of Agriculture, Inflation Reduction Act (<https://www.usda.gov/ira>); Environmental Protection Agency, Inflation Reduction Act Overview (January 2023) ([https://www.epa.gov/system/files/documents/2022-12/12\\_09\\_2022\\_OAR\\_IRA\\_Overview\\_vPublic.pdf](https://www.epa.gov/system/files/documents/2022-12/12_09_2022_OAR_IRA_Overview_vPublic.pdf)); Department of Energy, Inflation Reduction Act Loan Programs Office (September 22, 2023) (<https://www.energy.gov/lpo/inflation-reduction-act-2022>); The White House, Justice40: A Whole-of-Government Initiative (<https://www.whitehouse.gov/environmentaljustice/justice40/>).

As of April 2024, the BIL and IRA have provided **\$8.6 billion** in funding for clean water and environmental projects in the larger metropolitan areas connected to the cities and counties in **California's Second District**. This funding will benefit district residents and has been distributed as follows:

- \$189 million in federal funding to Industrial Emission Demonstration projects grant recipients
- \$96.6 million in National Laboratory Infrastructure (Office of Science) funding to Lawrence Berkeley National Laboratory
- \$96 million in National Laboratory Infrastructure (Office of Science) funding to SLAC National Accelerator Laboratory
- \$52.7 million in National Laboratory Infrastructure (Office of Science) funding to Lawrence Berkeley National Laboratory
- \$50 million in federal funding to Environmental Justice Thriving Communities Grantmaking Program
- \$39.6 million in federal funding to Clean Hydrogen Electrolysis Program grant recipients
- \$36.6 million in Port Infrastructure Development Program Grants funding to Phase 1 Outer Harbor Terminal Redevelopment project
- \$30 million in Enhanced Geothermal Systems and Pilot Demonstrations funding to San Ramon, CA
- \$22.5 million in National Laboratory Infrastructure (Office of Science) funding to Lawrence Berkeley National Laboratory
- \$21.4 million in Hazardous Fuels (Mechanical Thinning And Timber Harvesting; Precommercial Thinning In Young Growth) funding to Klamath River Basin – Region 5 WCS Landscape
- \$20.7 million in National Laboratory Infrastructure (Office of Science) funding to SLAC National Accelerator Laboratory
- \$13 million in National Laboratory Infrastructure (Office of Science) funding to Lawrence Berkeley National Laboratory
- \$12 million in National Laboratory Infrastructure (Office of Science) funding to SLAC National Accelerator Laboratory
- \$12 million in Urban and Community Forestry Assistance Program funding to Justice, Jobs and Trees – a San Francisco Climate Solution
- \$10 million in National Laboratory Infrastructure (Office of Science) funding to SLAC National Accelerator Laboratory
- \$8.4 million in Community Wildfire Defense Grant Program for At-Risk Communities funding to Ukiah Valley and Mendocino Hazardous Fuels Reduction project
- \$8 million in Urban and Community Forestry Assistance Program funding to Oakland – Equity through Urban Forestry
- \$7.7 million in National Laboratory Infrastructure (Office of Science) funding to Lawrence Berkeley National Laboratory
- \$7.4 million in Port Infrastructure Development Program Grants funding to Crescent City Harbor District Seawall Replacement project

- \$7 million in National Laboratory Infrastructure (Office of Science) funding to Lawrence Berkeley National Laboratory
- \$6.9 million in Water Recycling funding to North Bay Reuse Program (Phase 2 Program)
- \$5.9 million in Community Wildfire Defense Grant Program for At-Risk Communities funding to Greater Willow Creek Wildfire Resilience project
- \$5 million in Tribal Climate Resilience funding to Yurok Tribe
- \$4.5 million in National Coastal Resilience Fund funding to restoring fish passage and coastal resilience in Del Norte County, California
- \$3.8 million in Community Wildfire Defense Grant Program for At-Risk Communities funding to Middle-Trinity Community Protection project
- \$3.7 million in Industrial Research and Assessment Centers funding to Western Center of Excellence at San Francisco State University
- \$3.6 million in Community Wildfire Defense Grant Program for At-Risk Communities funding to Del Norte Wildfire Resiliency Program
- \$3.5 million in Building Resilient Infrastructure and Communities (BRIC) funding to stabilization of Tribal Housing
- \$3 million in clean direct air capture funding to Community Alliance for Direct Air Capture
- \$3 million in clean direct air capture funding to Western Regional Direct Air Capture Hub
- \$3 million in Corps of Engineers Operation and Maintenance funding to Dry Creek (Warm Springs) Lake and Channel, CA
- \$2.6 million in Corps of Engineers Operation and Maintenance funding to Noyo River and Harbor, CA
- \$2.5 million in Wind Energy Technology Program funding to Pacific Gas and Electric Company
- \$2.5 million in Promoting Resilient Operations for Transformative, Efficient, and Cost-Saving Transportation (PROTECT) Formula Grant funding to construct soldier pile wall in San Mateo County Near LA Honda 01 Mile West of Peek-A-Boo Lane
- \$2.4 million in National Laboratory Infrastructure (Office of Science) funding to Lawrence Berkeley National Laboratory
- \$2 million in Direct Federal Spending For Resilient Recreation Sites funding to adapting to climate change at Don Edwards National Wildlife Refuge
- \$2 million in Facilities of the National Oceanic and Atmospheric Administration and National Marine Sanctuaries funding to Greater Farallones and Cordell Bank National Marine Sanctuaries
- \$2 million in Fish Passage Program funding to Waukell and Junior Creeks Culvert Replacements project
- \$2 million in Urban and Community Forestry Assistance Program funding to climate and economic justice in Southeast San Francisco project
- \$2 million in Urban and Community Forestry Assistance Program funding to Pittsburg Urban Forest Management Launch
- \$1.9 million in Neighborhood Access and Equity Grant Program funding to Rafael Meadows Safe Crossing Pathway project

- \$1.9 million in Corps of Engineers Operation and Maintenance funding to San Francisco Bay Long Term Management Strategy, CA
- \$1.8 million in National Estuary Program Grants funding to Association of Bay Area Governments
- \$1.5 million in Community Wildfire Defense Grant Program for At-Risk Communities funding to Hyampom Community Protection project
- \$1.5 million in Corps of Engineers Operation and Maintenance funding to Coyote Valley Dam, Lake Mendocino, CA
- \$1.5 million in Solar Energy Research and Development funding to Solar Panel Recycling – Solarcycle, Inc
- \$1.5 million in Solar Energy Research and Development funding to Solar Panel Recycling – University of California Berkeley
- \$1.3 million in Brownfields State & Tribal Response Program funding to Yurok Tribe
- \$1.3 million in Building Resilient Infrastructure and Communities (BRIC) funding to Slope Stabilization Scenic
- \$1 million in Environmental and Climate Justice Block Grants funding to SF Department of Environment through the Environmental Justice Government-To-Government (EJG2G) Program
- \$1 million in Urban and Community Forestry Assistance Program funding to Concord Urban and Community Forestry Program
- \$1 million in Urban and Community Forestry Assistance Program funding to Petaluma Canopy
- \$1 million in Urban and Community Forestry Assistance Program funding to Trees Make Life Better
- \$951,000 in Solid Waste Infrastructure for Recycling Infrastructure Grants funding to Cher Ae Heights Indian Community of the Trinidad Rancheria
- \$900,000 in Flood Mitigation Assistance Grants (FMA) funding to OneShoreline San Bruno Creek Area Flood and Sea Level Rise Resilience project scoping
- \$899,000 in Flood Mitigation Assistance Grants (FMA) funding to Redwood City Watershed and Wetland Capacity project scoping
- \$797,000 in Removal Of Vegetation For Biochar And Innovative Wood Products funding to Hoopa Forest Industries Sawmill upgrade
- \$650,000 in National Laboratory Infrastructure (Office of Science) funding to Lawrence Berkeley National Laboratory
- \$650,000 in Port Infrastructure Development Program Grants funding to Fisherman's Terminal Piling Replacement
- \$562,000 in Carbon Reduction Program Fiscal Year 2024 funding to the State's Carbon Reduction Program to reduce transportation emissions on on-road highways sources
- \$561,000 in Carbon Reduction Program Fiscal Year 2023 funding to the State's Carbon Reduction Program to reduce transportation emissions on on-road highways sources
- \$500,000 in brownfield project funding to Cypress Mandela Training Center (CMTC), Inc
- \$500,000 in brownfield project funding to Richmond, CA



- \$500,000 in Environmental and Climate Justice Block Grants funding to Bayview Hunters Point Community Advocates Inc through the Environmental Justice Collaborative Problem-Solving (EJCPS) Cooperative Agreement Program
- \$500,000 in Environmental and Climate Justice Block Grants funding to West Oakland Environmental Indicators project through the Environmental Justice Collaborative Problem-Solving (EJCPS) Cooperative Agreement Program
- \$500,000 in Removal Of Vegetation For Biochar And Innovative Wood Products funding to Northern California Sawmills Log Flare Reducer Installations
- \$500,000 in Urban and Community Forestry Assistance Program funding to urban forestry software and hazardous tree removal/replacement
- \$500,000 in Wind Energy Technology Program funding to Yurok Tribe – Yurok Tribe Community Outreach for Offshore Wind
- \$453,000 in Direct Federal Spending For Invasives funding to riparian invasive species removal in Trinity County
- \$450,000 in Brownfields State & Tribal Response Program funding to the Hoopa Valley Tribe
- \$444,000 in brownfield project funding to the City of Pittsburg, CA
- \$383,000 in Urban and Community Forestry Assistance Program funding to reforestation of Fremont's DACs and community urban forestry trainings
- \$300,000 in Industrial Research and Assessment Center Implementation Grants funding to Coastside County Water District
- \$300,000 in Industrial Research and Assessment Center Implementation Grants funding to the City of Fortuna, CA
- \$284,000 in Carbon Reduction Program Fiscal Year 2022 funding to the State's Carbon Reduction Program to reduce transportation emissions on on-road highways sources
- \$240,000 in Community Wildfire Defense Grant Program for At-Risk Communities funding to eland Volunteer Fire Department Fire Hazard Reduction project
- \$202,000 in Investing in Coastal Communities and Climate Resilience funding to Activate Oceans Fellowship
- \$160,000 in Brownfields State & Tribal Response Program funding to Elk Valley Rancheria
- \$150,000 in Commercial Direct Air Capture Technology Prize Competition funding to Berkeley, CA
- \$150,000 in Flood Control Act And River And Harbor Act Continuing Authorities Program funding to Bayfront Canal (Redwood City), CA
- \$135,000 in Building Resilient Infrastructure and Communities (BRIC) funding to Cher-Ae Heights Indian Community of the Trinidad Rancheria Multi-Hazard Mitigation Plan update
- \$125,000 in Flood Control Act And River And Harbor Act Continuing Authorities Program funding to Redwood City Shoreline, CA
- \$100,000 in Pre-Commercial Direct Air Capture Prize Competitions funding to Activate Global, Inc

- \$100,000 in Pre-Commercial Direct Air Capture Prize Competitions funding to Impossible Labs, Inc (Airminers)
- \$100,000 in Urban and Community Forestry Assistance Program funding to the City of Walnut Creek Urban and Community Forestry 2023
- \$20,000 in Corps of Engineers Operation and Maintenance funding to Bodega Bay, CA
- \$20,000 in Corps of Engineers Operation and Maintenance funding to Pillar Point Harbor, CA
- \$14,000 in Rural Energy for America Program (REAP) funding to Solar PV Project
- \$8,000 in Rural Energy for America Program (REAP) funding to RES Retrofit
- \$2,000 in Construction of Ferry Boats and Ferry Terminal Facilities funding to Humboldt County Public Works

## Additional Funding

The projects described in this report demonstrate BIL and IRA’s impact on the district. However, many of the grant and incentive programs funded by the BIL and the IRA are in the process of awarding new grants and being put into action. For example, the IRA created new incentives for clean energy investment such as “elective pay,” which allows tax-exempt institutions to install American clean energy at a fraction of the retail cost.<sup>7</sup> It also includes billions of dollars to support environmental initiatives through the Greenhouse Gas Reduction Fund and the Climate Pollution Reduction Grants Program.<sup>8</sup> As more funding is awarded, district residents will receive additional benefits under these laws. In total, \$454 billion has been announced under the BIL as of May 2024.<sup>9</sup>

## Conclusion

The BIL and IRA are strengthening and rebuilding America’s water infrastructure, investing in environmental projects, and bolstering climate resiliency in every zip code across the country. The BIL made the single largest investment in our nation’s water in U.S. history with more than \$50 billion in funding, and the IRA provides billions of additional funding for drought mitigation, environmental projects, and other water programs.<sup>10</sup> From the water we drink every day to essential stormwater infrastructure, the Investing in America agenda is working to ensure every American feels the impact of the progress made in the 117th Congress.

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<sup>7</sup> The White House, *What is Direct Pay (Elective Pay)?* (<https://www.whitehouse.gov/cleanenergy/directpay/>).

<sup>8</sup> Environmental Protection Agency, *About the Greenhouse Gas Reduction Fund* (April 22, 2024) (<https://www.epa.gov/greenhouse-gas-reduction-fund/about-greenhouse-gas-reduction-fund>); Environmental Protection Agency, *Climate Pollution Reduction Grants* (June 12, 2024) (<https://www.epa.gov/inflation-reduction-act/climate-pollution-reduction-grants>).

<sup>9</sup> The White House, *FACT SHEET: Biden-Harris Administration Kicks Off Infrastructure Week by Highlighting Historic Results Spurred by President Biden’s Investing in America Agenda* (May 24, 2024) (<https://www.whitehouse.gov/briefing-room/statements-releases/2024/05/13/fact-sheet-biden-harris-administration-kicks-off-infra-structure-week-by-highlighting-historic-results-spurred-by-president-bidens-investing-in-america-agenda/>).

<sup>10</sup> The law makes the single largest investment in our nation’s water in U.S. history. With more than \$50 billion in funding, EPA is working with states, Tribes, and localities to strengthen and rebuild America’s water infrastructure. United States Environmental Protection Agency, *Bipartisan Infrastructure Law* (June 22, 2023) (<https://www.epa.gov/infrastructure>).



*This report was last updated on July 25, 2024<sup>11</sup>*

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<sup>11</sup> “Methodology For Regional Leadership Council Briefings” (May 2024).  
(<https://rlc.house.gov/sites/evo-subsites/regionalleadershipcouncil.house.gov/files/evo-media-document/MAY%202024%20-%20RLC%20Methodology%20airport%20and%20enviro.pdf>).