

**Tuesday, February 15th**  
**3pm ET**

# Federal Climate Funding Initiatives:

*What States Need to Know*



# Introduction

Kristen Soares



State Climate Policy  
Network Manager

# State Climate Policy Network (SCPN)

- Network of 16,000 policymakers, advocates, business leaders and experts pushing for effective and equitable climate policies in their states
- Host monthly national calls and webinars
- Share updates, research, and analysis on various climate policy topics

# How can we help you?

We specialize in state climate policy design and analysis. Reach out to [kristen@climate-xchange.org](mailto:kristen@climate-xchange.org) with your questions on:

- **Bill drafting**, analysis, and technical design
- **Gap analysis** of your state's climate policy landscape
- Best **example states** to follow for a given policy

Or, check out our **State Climate Policy Dashboard**, which tracks state-level climate policy and resources across all 50 states.



# Speakers

Shannon  
Baker-Branstetter



**Director, Domestic  
Climate and Energy  
Policy,**  
Center for American  
Progress

Joseph Kane



**Fellow, Brookings Metro,**  
The Brookings institution

Colleen Callahan



**Co-Executive Director,**  
Luskin Center for  
Innovation

Dr. Sacoby Wilson



**Associate Professor,,**  
Maryland Institute for  
Applied Environmental  
Health

# Speaker

Shannon Baker-Branstetter



**Director, Domestic Climate  
and Energy Policy,**  
Center for American Progress

# Federal Update: Climate Funding Opportunities

State Climate Policy Network  
February 15, 2022

Shannon Baker-Branstetter  
Director of Domestic Climate Policy  
Center for American Progress



# CAP: From the State House to the White House

CAP has undertaken an initiative to show how state climate leadership, centered on 100% clean energy, good jobs, and justice, is laying a roadmap for bold nation-wide climate action—with important lessons for federal lawmakers in 2021.

## **100% Clean Energy**

Targeted sectoral standards and strategies, and economy-wide policies, that drive the transition to a 100% clean energy (e.g. power, transportation, buildings, industry, agriculture)

## **Worker-Centered**

Job-creating investments in clean infrastructure and industries with pro-worker policies that promote high-quality union jobs

## **Environmental Justice**

Solutions developed and supported by EJ communities that ensure targeted pollution reductions and equitable investments, and build a clean economy centered with justice and inclusion

## **Confronting Fossil Fuel Corporations**

Policy actions that confront pollution and environmental harm from fossil fuel production and infrastructure





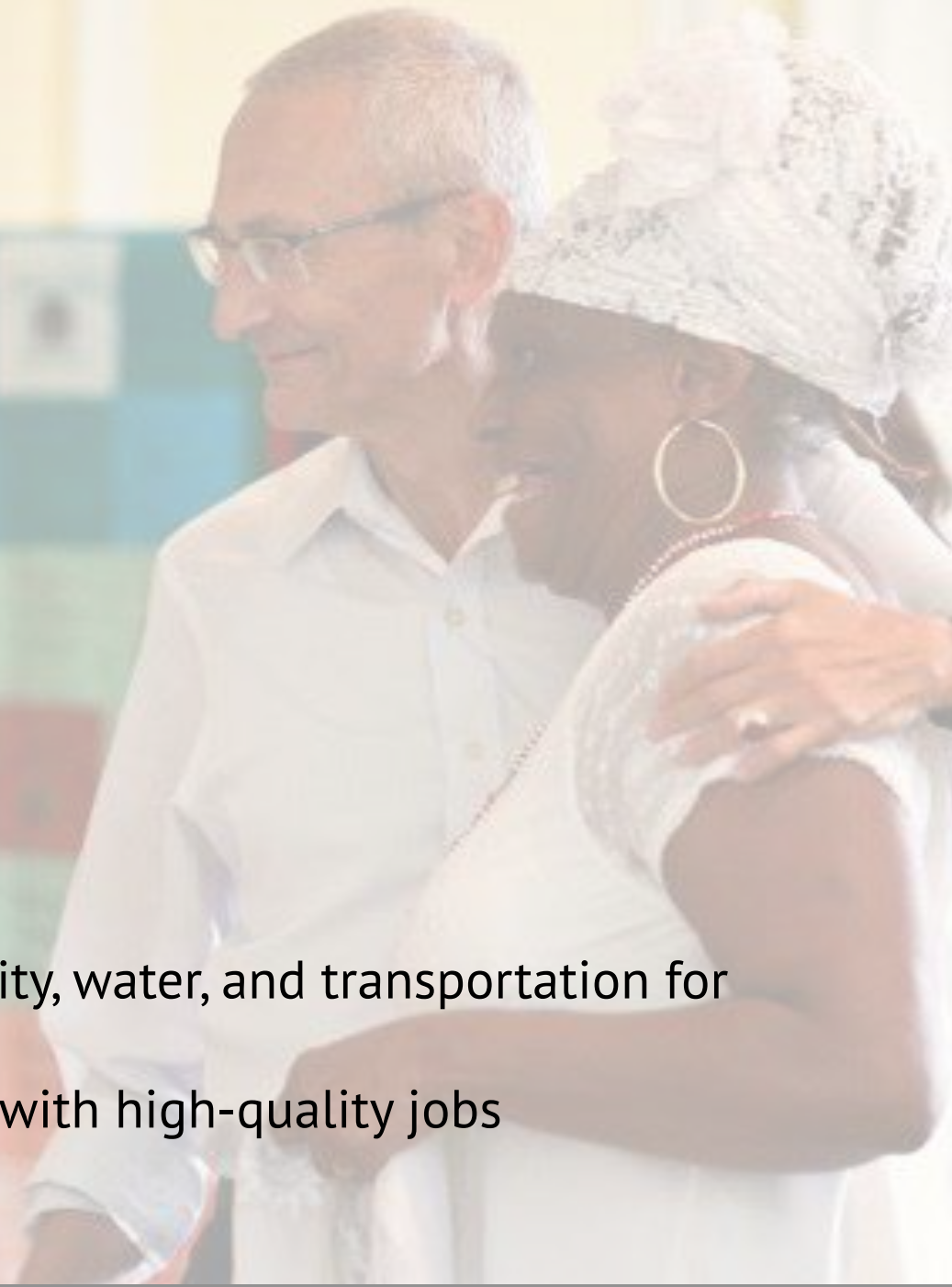
# **EQUITABLE & JUST**

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## **NATIONAL CLIMATE PLATFORM**

[\*\*AJustClimate.org\*\*](https://www.ajustclimate.org)

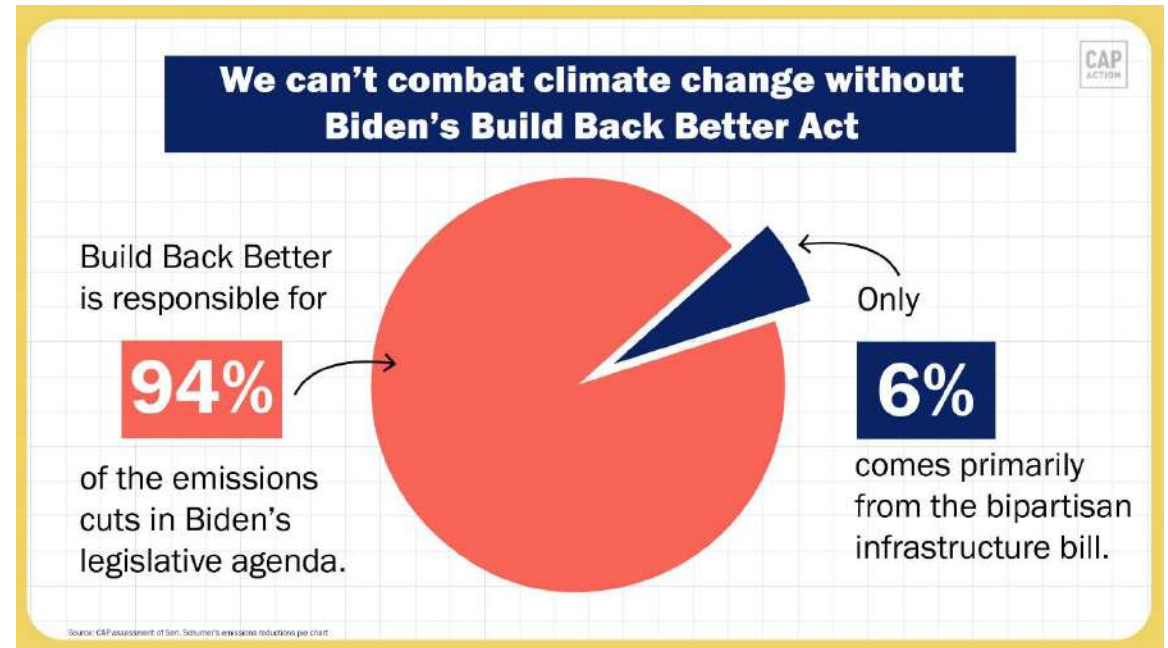
1. A healthy climate and air quality for all
2. Access to reliable, affordable, and sustainable electricity, water, and transportation for every community
3. An inclusive, just, and pollution-free energy economy with high-quality jobs
4. Safe, healthy communities and infrastructure



# The vast majority of federal climate investments are still pending

## The climate provisions in the Build Back Better act include:

- clean energy tax incentives
- clean vehicle incentives
- environmental justice investments
- coastal resilience
- clean energy and sustainability accelerator
- rural co-op clean energy support
- fossil fuel subsidy repeals
- clean fuel tax incentives
- clean building incentives
- agricultural conservation and forest management



*The planned investments from the combination of the IIJA and the Build Back Better Act were estimated by Majority Leader Schumer to cut U.S. greenhouse gas emissions to as low as 45 percent below 2005 levels by 2030, which with anticipated regulatory action is consistent with President Biden's science-based goal of 50 to 52 percent below 2005 levels by 2030.*

# Types of Opportunities

## Sources of Funding:

- Current: [Infrastructure Investment & Jobs Act](#) (IIJA), regular appropriations
- Future: Build Back Better Act (or components)

## Types of Funding

- formula grants to states
- competitive grants to states, local govts, Tribal govts, and NGOs
- loans to households and businesses
- tax credits for businesses and individuals
- technical assistance

## Related: [Executive Order 14008](#)

- Justice40 Initiative: requires at least 40% of the benefits of climate investments to go to disadvantaged communities

# Major Programs

## Transportation

- Multi-modal infrastructure (\$12.5B)
- Safe Streets (\$5B)
- Reconnecting Communities (\$1B)
- Heavy duty: CMAQ (\$13B),  
ports (\$2.5B), transit buses (\$5B),  
school buses (\$5B)
- EV charging (\$7.5B)
- Carbon Reduction Fund (\$6B)

## Renewable Energy and Energy Efficiency

- Weatherization Assistance Program (\$3.5B)
- EE block grants (\$550m), revolving loans
- Green schools (\$.5B)
- Job training programs (\$50m)
- Grid resilience and transmission (\$10B)

# Major Programs

## Industrial Sources

- Hydrogen Hubs and Clean Hydrogen (\$9B)
- Environmental Justice grants, e.g. Pollution Prevention Grants (\$14m)

## Resilience

- FEMA (\$3.5B)
- DOT (\$7B)
- DHS (\$3.5B), DOD (\$2.5B)

## Agriculture

- USDA's Partnerships for Climate-Smart Commodities (\$1B)

## Conservation

- Cleaning up Orphaned O&G wells (\$1.2B)
- Reclaiming Abandoned Mines (\$.7B)
- Land and Water Conservation Fund (\$1+B)
- Ecosystem restoration projects and collaboratives (various funding streams)

# Defense Needed

- Highways (\$273B)
  - FHWA has an [open RFI](#) on implementation of IIJA
  - State DOTs have most control over these funds
  - building out highways could lock in carbon increases for decades
- Fossil fuel infrastructure
  - Carbon capture
  - Hydrogen hubs
  - Fossil fuel transit and school buses
  - Fossil fuel refueling infrastructure



# Where to find more information

## [Grants.gov](#)

- can search by deadline, key word, agency, recipient, etc.
- clearinghouse for dozens of federal agencies' programs and notices of funding opportunities (NOFOs)

## Agency-specific sites

- [DOE's Energy Efficiency and Renewable Energy \(EERE\) Resources](#)
- [EPA Grants Hub](#)
- [EPA's Environmental Justice Grants and Technical Assistance](#)
- [DOT Competitive Grant Programs](#)

## State-specific resources

- U.S. Senate offices, e.g. [Senator Duckworth \(D-IL\)](#)
- [State Energy Offices](#), [State Depts of Transportation](#) pass through many federal \$\$\$

## SEARCH GRANTS



## BASIC SEARCH CRITERIA:

Keyword(s): Opportunity Number: CFDA: 

SEARCH

## OPPORTUNITY STATUS:

☒ Forecasted (1)☒ Posted (21)☐ Closed (78)☐ Archived (930)

## FUNDING INSTRUMENT TYPE:

☒ All Funding Instruments☐ Cooperative Agreement (11)☐ Grant (11)☐ Procurement Contract (1)

## ELIGIBILITY:

☒ All Eligibilities☐ City or township governments (3)☐ County governments (3)☐ For profit organizations other than small businesses (2)☐ Native American tribal governments

## CATEGORY:

☒ All Categories☐ Business and Commerce (3)☐ Education (1)☐ Employment, Labor and Training (2)☐ Science and Technology and other Research and Development (2)

## AGENCY:

☐ All Agencies☒ All Department of Transportation [DOT] (22)

• AGENCY: [X] All Department of Transportation

[Search Tips](#) | [Export Detailed Data](#)[Save Search](#)SORT BY: [Update Sort](#)DATE RANGE: [Update Date Range](#)

## 1 - 22 OF 22 MATCHING RESULTS:

Opportunity Number	Opportunity Title	Agency	Opportunity Status	Posted Date ↓	Close Date
FM-MHP-22-001	FY2022 High Priority Program – Commercial Motor Vehicle (HP-CMV)	DOT-FMCSA	Posted	02/03/2022	03/31/2022
FM-DTG-22-001	FY22 Commercial Motor Vehicle Operator Safety Training Program (CMVOST)	DOT-FMCSA	Posted	02/03/2022	03/31/2022
FM-MHP-22-002	FY 2022 High Priority Program – Innovative Technology Deployment (HP-ITD)	DOT-FMCSA	Posted	02/03/2022	03/31/2022
693JJ321NF00008	National Pedestrian and Bicycle Information Center	DOT-FHWA	Posted	01/31/2022	03/31/2022
693JJ322NF00006	Tribal Technical Assistance Program (TTAP) Center	DOT-FHWA	Posted	01/24/2022	03/25/2022
693JJ322NF00003	Center for Environmental Excellence	DOT-FHWA	Posted	01/21/2022	03/31/2022
USDOT-OST-OSDBU-SBTRCMA-2021-1	Mid-Atlantic Regional Small Business Transportation Resource Center	DOT-OSDBU	Posted	01/18/2022	03/18/2022
USDOT-OST-OSDBU-SBTRCSW-2021-1	Southwest Regional Small Business Transportation Resource Center	DOT-OSDBU	Posted	01/18/2022	03/18/2022
USDOT-OST-OSDBU-SBTRCCENTRAL-2022-1	Central Regional Small Business Transportation Resource Center	DOT-OSDBU	Posted	01/18/2022	03/18/2022
DTOS59-22-RA-RAISE	FY 2022 National Infrastructure Investments	DOT-DOT X-50	Posted	01/14/2022	04/14/2022
DOT-OST-2022-0003	Small Community Air Service Development Program	DOT-DOT X-50	Posted	01/12/2022	03/15/2022
DOTBAB01062022	Regional Infrastructure Accelerator Program Notice of Funding Opportunity	DOT-DOT X-50	Posted	01/06/2022	04/11/2022
FM-CDL-22-001	FY2022 Commercial Driver's License Program Implementation	DOT-FMCSA	Posted	12/30/2021	02/28/2022
FR-FSP-22-001	FY21 Federal-State Partnership for State of Good Repair	DOT-FRA	Posted	12/07/2021	03/07/2022
693JJ322NF00002	Commuter Authority Rail Safety Improvement (CARSI) Grants Round 2	DOT-FHWA	Forecasted	12/07/2021	



# Further Resources

[Justice40 Accelerator](#)

White House IJA/BIL [Guidebook](#) and [Spreadsheet](#)

Georgetown Climate Center's [Adaptation Clearinghouse](#)

[National Community Solar Partnership](#)

contact: Shannon Baker-Branstetter  
[sbakerbranstetter@americanprogress.org](mailto:sbakerbranstetter@americanprogress.org)

# Speaker

Joseph Kane



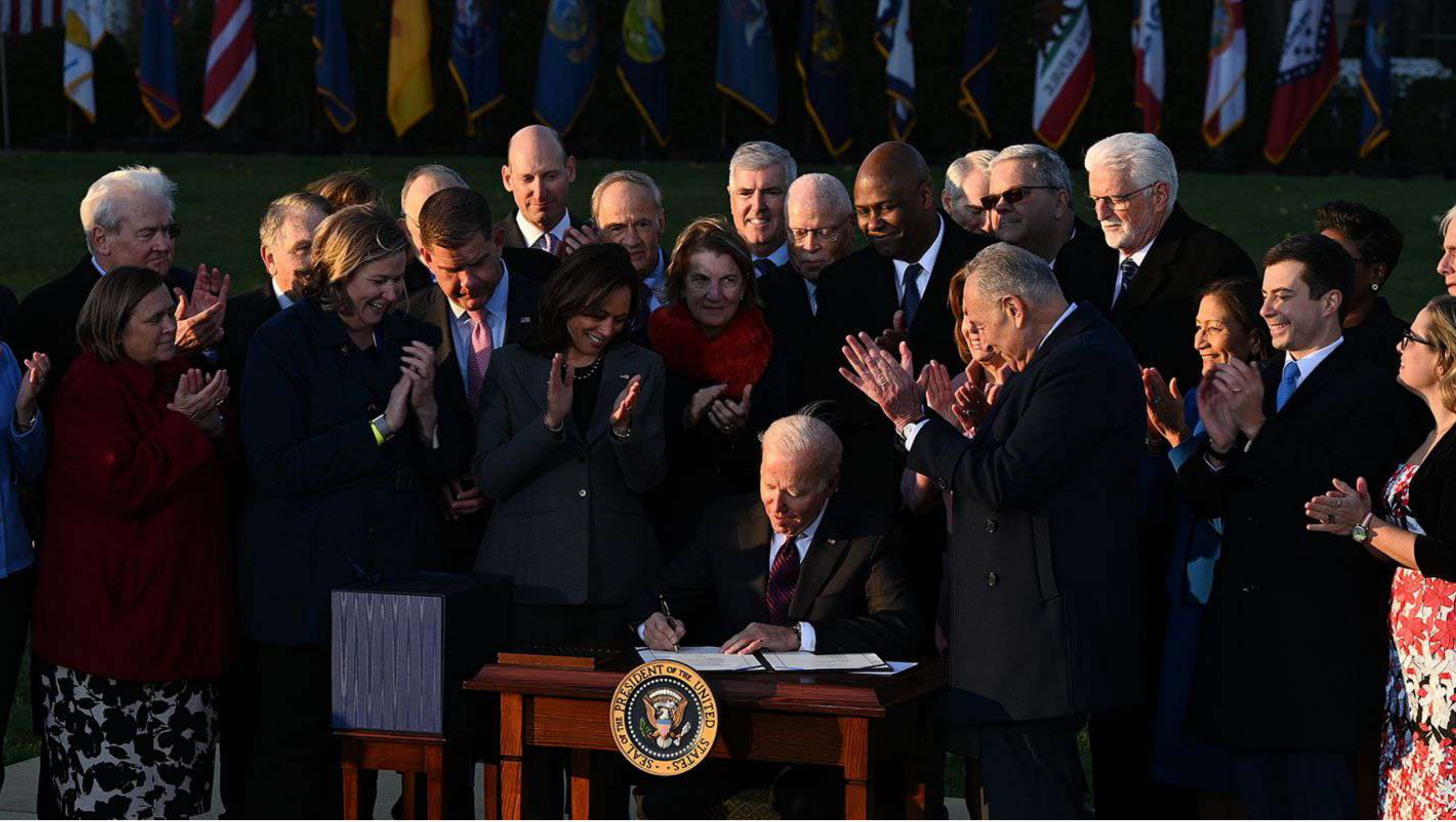
**Fellow, Brookings  
Metro,** The Brookings  
institution



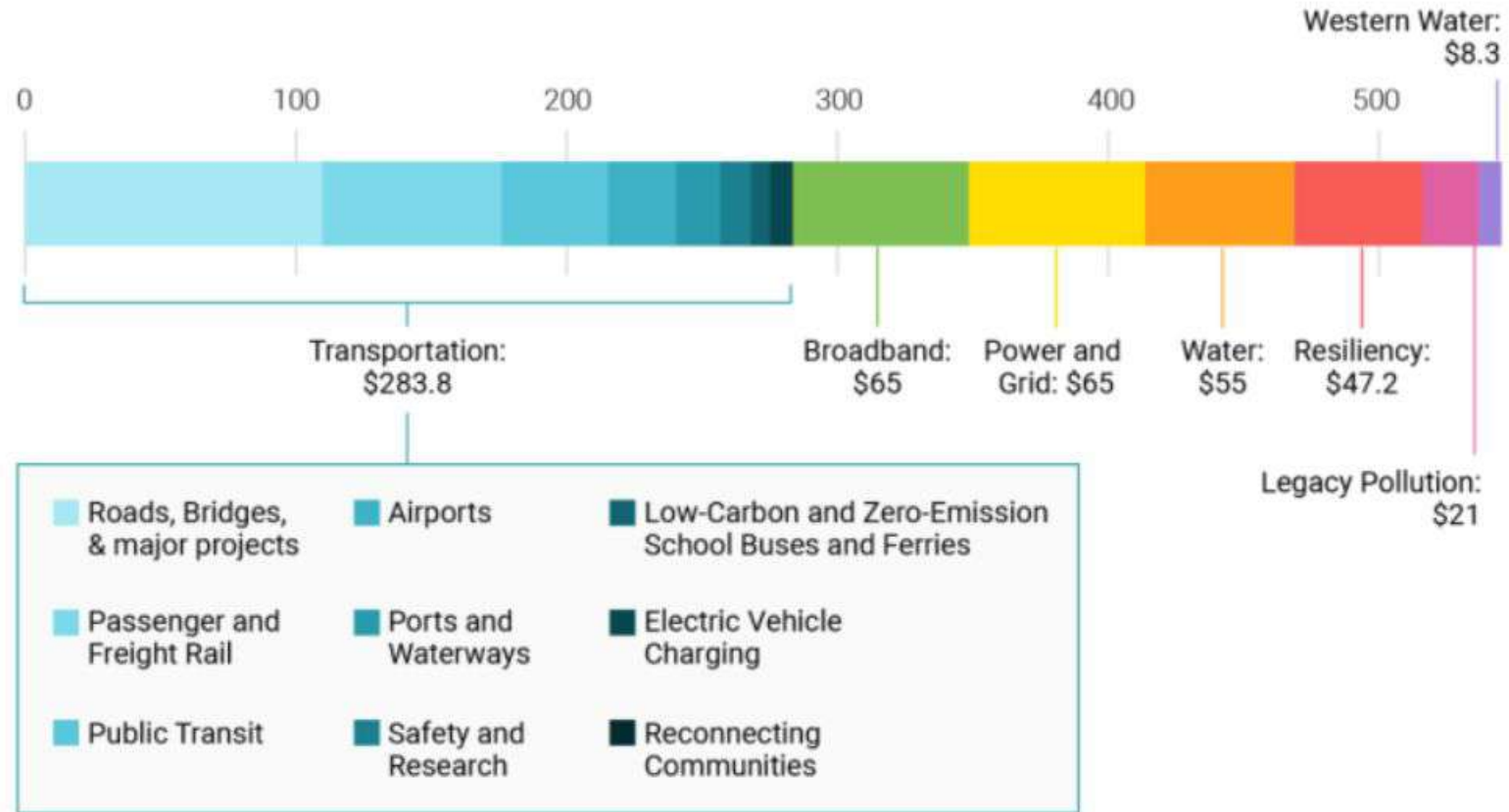
## Maximizing the Infrastructure Investment and Jobs Act (IIJA) to Address Our Generational Climate Needs

Joseph Kane | Brookings Institution | [jkane@brookings.edu](mailto:jkane@brookings.edu)





### Topline above-baseline spending in IIJA (billions of USD)



**Source:** Bipartisan Infrastructure Investment and Jobs Act Summary

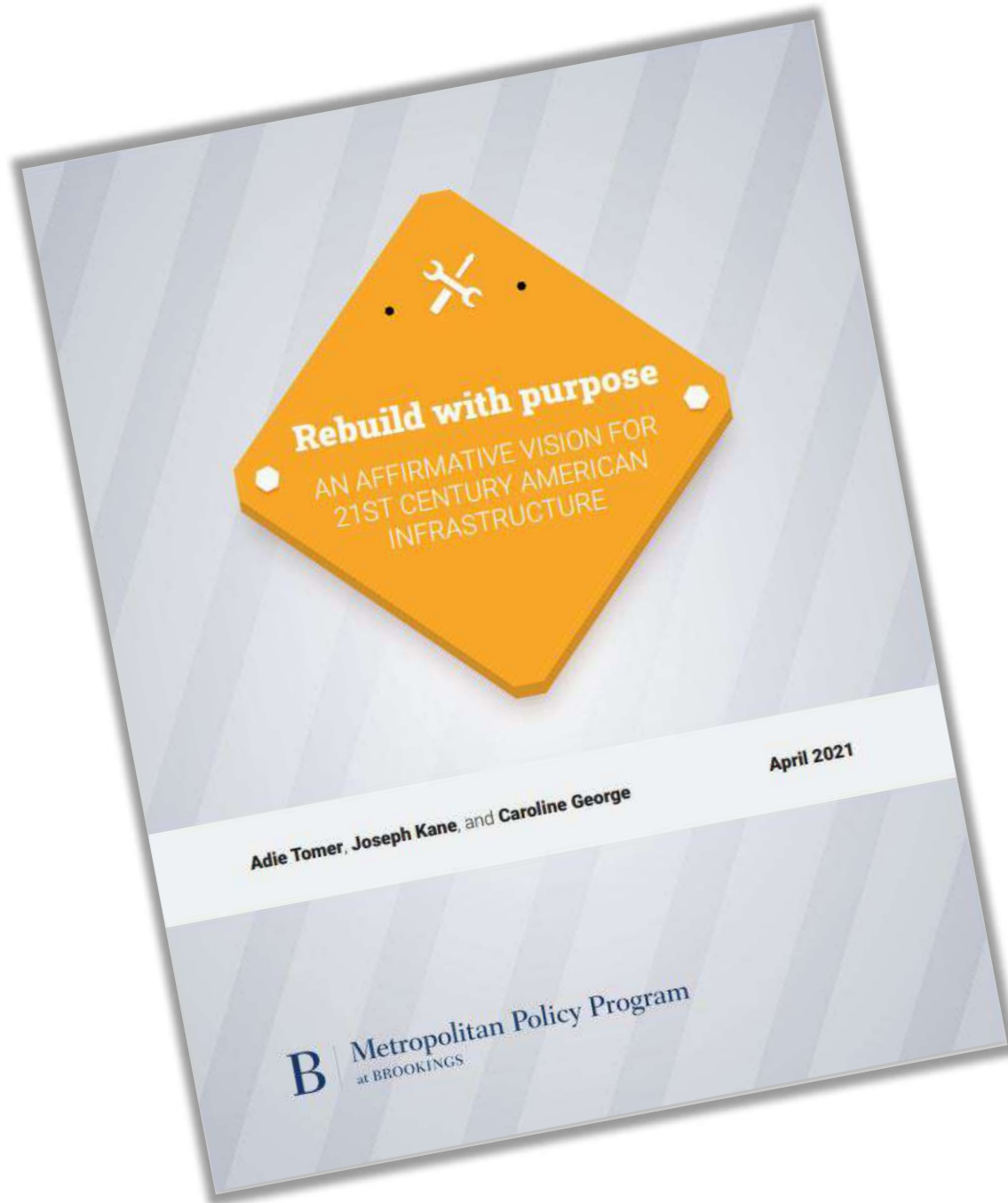
## Projected federal infrastructure spending (Nominal), as a share of GDP, 1950 to 2026



**Source:** Brookings analysis of Office of Management and Budget Data

Identifying infrastructure  
priorities, not just  
projects





- Informed by over 40 interviews with outside experts
- Includes over 90 recommendations
- Framed around cross-cutting challenges and opportunities—not sector-specific silos



An aerial photograph showing a large array of solar panels installed in rows on a landscape. The panels are dark blue and rectangular, separated by lighter-colored paths or roads.

**Climate Resilience**

A close-up photograph of several blue network cables plugged into a patch panel or switch. The cables are bundled together and curve across the frame.

**Digitalization**

A photograph of three people wearing hard hats and face masks. Two men on the left are wearing yellow hard hats and safety glasses. A woman on the right is wearing a grey hard hat. They are all looking at a tablet held by the woman in the center.

**Workforce**

A photograph of several US Treasury bonds. The bonds are yellow and feature the text "UNITED STATES OF AMERICA" and "THIS NOTE IS LEGAL TENDER FOR ALL DEBTS, PUBLIC AND PRIVATE". A green seal is visible on the right side.

**Fiscal Health**

BROOKINGS



# Chronic climate challenges and inequities persist

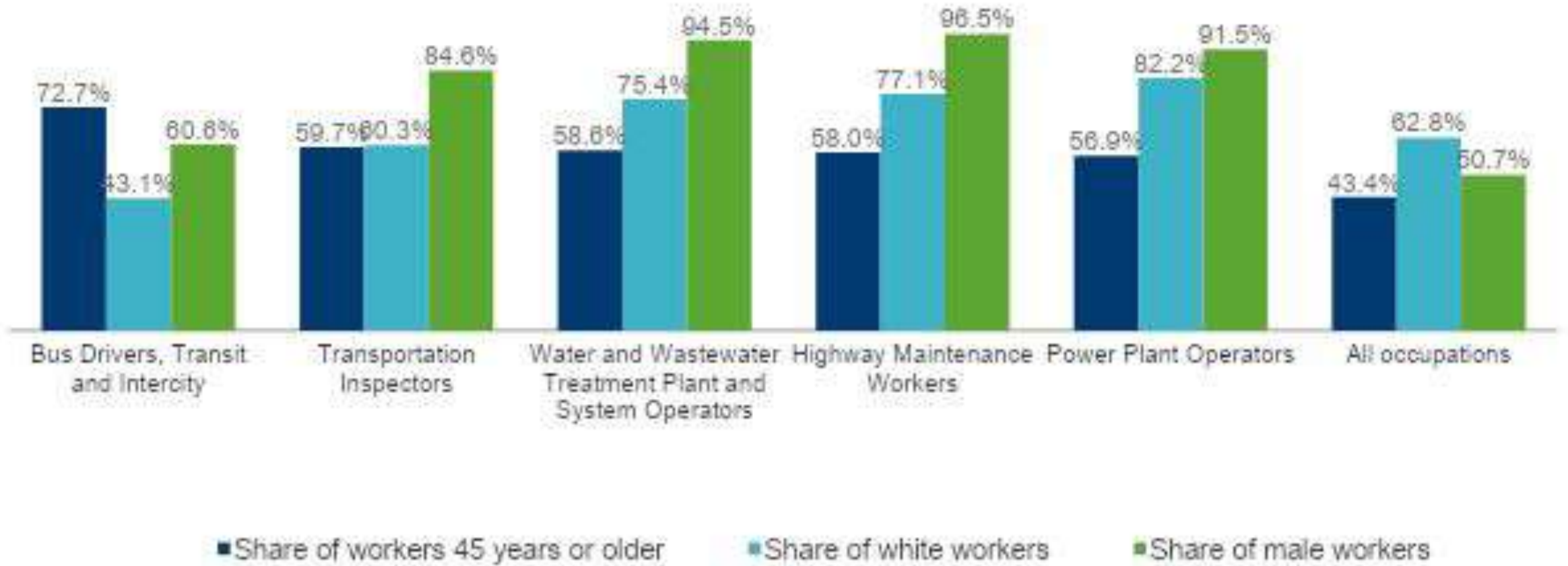




# The nature of our infrastructure needs is changing



# The infrastructure sector needs a new generation of talent





# State and local fiscal pressures are still ever-present



Harnessing IJJA funding,  
not just scrambling to use  
it

## Brookings Federal Infrastructure Hub

Brookings Metro developed this resource page to help practitioners, policymakers, and journalists better understand what the Infrastructure Investment and Jobs Act (IIJA) includes, how it works, and how specific programs can benefit particular places. It includes our comprehensive and interactive database of IIJA programming, our published writing and event discussions, and links to key external resources. For questions and feedback, please submit inquiries to [metromediarelations@brookings.edu](mailto:metromediarelations@brookings.edu).

[View the data »](#)[Related resources »](#)

### Breaking down the Infrastructure Investment and Jobs Act

This interactive feature offers a comprehensive public resource to study IIJA's contents. We arranged IIJA's programs by topics and sub-topics, the primary federal agency, and likely spending levels. We have also subdivided programs by formula or competitive status and whether or not the program is new. Our raw data is available for download [here](#).

*Explore the distribution of likely spending within various topics and sub-topics by clicking within regions of the chart. Hover over the chart for more information about a given topic or program. Note: The summary metrics and table below will change as you zoom in or out of the chart.*

#### All IIJA (\$863.7B)

Transportation  
\$590.7B

Energy  
\$98.1B

Broadband  
\$64.4B

Water  
\$57.4B

Watersheds and coastlines  
\$27.6B

Other environment  
\$14.5B

All other  
\$10.7B



## Summary and detailed estimates of likely program spending

All programs

FUNDING BY AGENCY | [Click to filter table](#)

Department of Transportation: \$567.1B (65.7%)

Department of Energy: \$80.8B (9.4%)

Environmental Protection Agency: \$67.0B (7.8%)

All other (each less than 5.0%): \$59.6B (6.9%)

Department of Commerce: \$51.7B (6.0%)

Department of the Army: \$17.1B (2.0%)

Department of the Interior: \$12.5B (1.5%)

Department of Homeland Security: \$7.8B (0.9%)

COMPETITIVE / FORMULA | [Click to filter table](#)

Formula: \$660.0B (76.4%)

Competitive: \$203.8B (23.6%)

NEW / EXISTING | [Click to filter table](#)

Existing: \$662.2B (76.7%)

New: \$201.5B (23.3%)

Program	Estimate	Climate	New	Competitive	Agency
National Highway Performance Program »	\$148.0B	No	No	No	Department of Transportation
Surface Transportation Block Grant Program »	\$64.8B	No	No	No	Department of Transportation
Broadband equity, access, and deployment program »	\$42.5B	No	Yes	No	Department of Commerce (National Telecommunications and Information Administration)
Federal-State Partnership for Intercity Passenger Rail Grants »	\$36.0B	No	No	Yes	Department of Transportation
Urbanized Area Formula Grants »	\$33.5B	No	No	No	Department of Transportation
Bridge Replacement, Rehabilitation, Preservation, Protection, and Construction Program (Bridge Formula Program) »	\$26.7B	No	Yes	No	Department of Transportation
State of Good Repair Grants »	\$23.1B	No	No	No	Department of Transportation
Grants to Amtrak: National Network »	\$16.0B	No	No	No	Department of Transportation
Highway Safety Improvement Program »	\$15.6B	No	No	No	Department of Transportation
Airport Infrastructure Grants (including transfers of funds) »	\$15.0B	No	No	No	Department of Transportation (Federal Aviation Administration)
Drinking Water State Revolving Fund Program: Lead Service Line Replacement »	\$15.0B	No	No	No	Environmental Protection Agency
Affordable Connectivity Fund »	\$14.2B	No	No	No	Federal Communications Commission



# Measure



Asset inventories

Environmental impact analysis

Benchmarking prosperity

Federal Data Reserve

# Modernize



Physical standards

Physical network upgrades

Equitable access

Fiscal capacity building

# Experiment

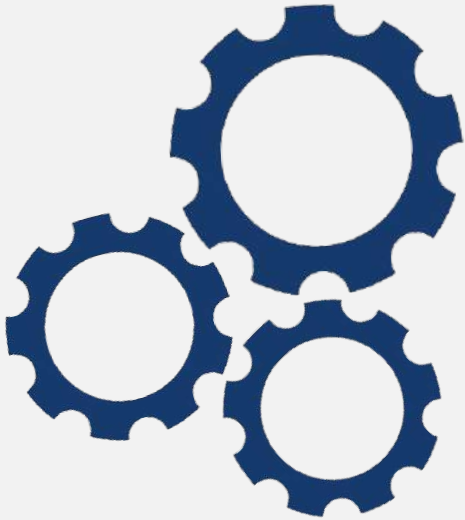


Technology testing

Data systems

Future of work

State and local fiscal laboratories





## Maximizing the Infrastructure Investment and Jobs Act (IIJA) to Address Our Generational Climate Needs

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# Speaker

Colleen Callahan



**Co-Executive Director,**  
Luskin Center for Innovation

Dr. Sacoby Wilson



**Associate Professor,** Maryland  
Institute for Applied  
Environmental Health

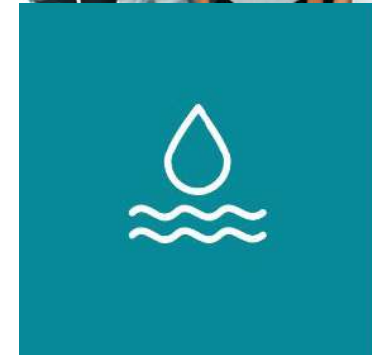
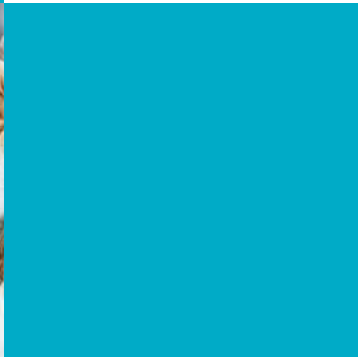






# Core Advisors

- **Dr. Ana Baptista**, The New School;  
Equitable and Just National Climate Platform
- **Helen Chin**, Communities First
- **Cassia Herron**, Kentuckians For The Commonwealth
- **Mark Magaña**, GreenLatinos
- **Jacqueline Patterson**, The Chisholm Legacy Project
- **Dr. Nicky Sheats**, Kean University;  
Equitable and Just National Climate Platform
- **Dr. Sacoby Wilson**, University of Maryland;  
National Environmental Justice Advisory Council
- **Miya Yoshitani**, Asian Pacific Environmental Network;  
White House Environmental Justice Advisory Council





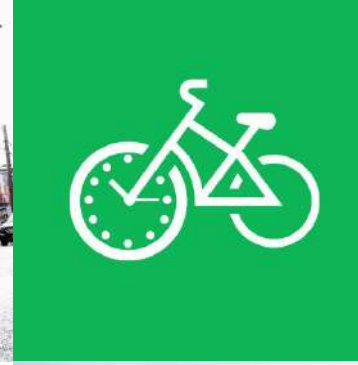
# Making Justice40 a Reality for Frontline Communities

Lessons from States' Climate and Clean Energy Investments





# Justice40



Initiative established by President Biden's executive order on climate action:

A government wide effort to target **40% of the benefits of climate and clean infrastructure investments** to “disadvantaged communities.”

Clear pathway to deliver on Biden-Harris' top priorities:

- Provide economic relief
- Tackle climate change
- Advance racial equity, civil rights, and environmental justice



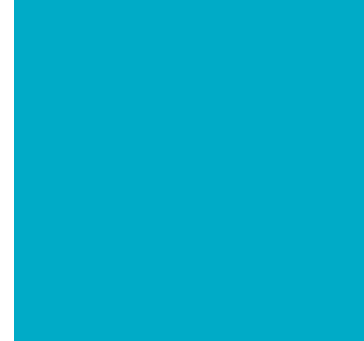
**1. Why Justice40?**

**2. Where and for whom to target equitable investments?**

**3. How to operationalize effectively and equitably?**

**4. How to fund equitably?**

**5. What are powerful program models?**



# WHY JUSTICE40?

**JUSTICE40 DESIGN:** Guiding principles toward a just economy and society for all



## JUSTICE DRIVEN

Resource and center disadvantaged communities.



## COMMUNITY POWERED

Achieve transformational change from the bottom up.



## ACCOUNTABLE CHANGE

Institutionalize equity and justice into government agency practices, policies, and systems.



# HOW CAN STATES BE PREPARED?

## South Carolina

First in the country to introduce a bill in response to Justice40. House bill 432219 would establish a Justice40 Oversight Committee for transparency and accountability. Organizing behind it has spread to other states.

## Delaware

First state to pass a law, Resolution 40, intended to seize the opportunities of Justice40. Establishes a committee to “locate and help organize disadvantaged communities to ensure that these communities derive the full benefit of these credits, grants, and loans to improve the overall quality of life in Delaware.”



State	WA	VA	NY	MD	IL	CA
Year of law or program	2021: Climate Commitment Act	2020: Clean Economy Act & Clean Energy and Community Flood Preparedness Act	2019: Climate Leadership & Community Protection Act	2019: Clean Energy Jobs Act of 2019	2016: Future Energy Jobs Bill and 2021: Climate and Equitable Jobs Act	2012: SB 535 and 2016: AB 1550 set EJ investment minimums
Investment minimum % for dis-advantaged communities	40% target and 35% min. Plus additional 10% for tribal communities	No	40% target and 35% minimum	Act states intent to prioritize but no specificity	Carve outs for low-income communities	35% investment minimum
Equity benefits / strengths	Package of laws to phase out fossil fuels passed with diverse coalition including tribes	Creates program to reduce energy burden for low-income customers	Most equity centered law as a result of justice advocates	Screening tool and just transition/ worker elements	Strong worker provisions. Led by IL Clean Energy Jobs Coalition	Over \$4 billion invested in and benefiting EJ communities

## WHY J40?

Disparities  
hinder an  
equitable,  
sustainable  
future



Pollution & health  
impacts

Ex: NY



Impacts of climate  
change

Ex: VA



Limited local  
government &  
community capacity

Ex: CA



Impacts on fossil fuel  
workers

Ex: IL



Uneven costs and  
benefits in transition  
to clean energy

Ex: WA

## OPPORTUNITY:

Learn from  
states  
addressing  
disparities  
through their  
own climate  
and clean  
energy  
investments



# HOW TO OPERATIONALIZE?

## Summary of Recommendations for State Guidelines

- Establish a **40% investment minimum** (requirement not a goal, floor not a ceiling) for **direct investments** (rather than counting trickle down benefits)
- Set clear guidelines and processes to give frontline communities agency in local investments and ensure that investments do no harm.
- Establish strong guardrail to ensure Justice40 objectives are achieved.



# WHERE TO TARGET EQUITABLE INVESTMENTS?

## Summary of Recommendations for State Screening Tools

- Be prepared to use the fed's (forthcoming) Climate and Economic Justice Screening Tool, and complement that with state tailored tool(s) to identify and target investments in frontline, underserved communities.
- Develop next generation tools to identify and track the absolute magnitudes of disparities within communities over time to support robust evaluation and accountability.



# WHAT ARE PROGRAM MODELS?

## Summary of Recomms for State Program Investments

- **Resource** and engage underserved communities by investing in systematic technical assistance and capacity building.
- **Empower** communities that make local investment decisions, including prioritizing holistic, multi-sector approaches that centers local knowledge.
- **Uplift** local leaders by Investing in programs that build power that can result in policy and systems changes at scales beyond (but affecting) their communities.





[thejustice40.com](http://thejustice40.com)

**THANK YOU**



**Thank you for joining!**

**Reach out to  
kristen@climate-xchange.org with any  
additional questions!**