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 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 our our **State Climate Policy Dashboard**, which tracks state-level climate policy and resources across all 50 states.
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 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
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 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 ($0.7B)
- 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](https://www.energy.gov/eere grants)
- [EPA Grants Hub](https://www.epa.gov/grants)
- [EPA’s Environmental Justice Grants and Technical Assistance](https://www.epa.gov/environmental-justice/grants)
- [DOT Competitive Grant Programs](https://www.dot.gov/grants)

State-specific resources
- U.S. Senate offices, e.g [Senator Duckworth (D-IL)](https://www.duckworth.senate.gov)
- [State Energy Offices, State Depts of Transportation](https://www.energy.gov/states) pass through many federal $$$
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Further Resources

**Justice40 Accelerator**

White House IIJA/BIL **Guidebook** and **Spreadsheet**

Georgetown Climate Center’s **Adaptation Clearinghouse**

**National Community Solar Partnership**

contact: Shannon Baker-Branstetter
sbakerbranstetter@americanprogress.org
Maximizing the Infrastructure Investment and Jobs Act (IIJA) to Address Our Generational Climate Needs
Topline above-baseline spending in IIJA (billions of USD)

- Transportation: $283.8
- Broadband: $65
- Power and Grid: $65
- Water: $55
- Resiliency: $47.2
- Western Water: $8.3
- Legacy Pollution: $21

Source: Bipartisan Infrastructure Investment and Jobs Act Summary

Metropolitan Policy Program at BROOKINGS
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
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 IIJA 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 metrandeditorial@Brookings.edu.

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 topic 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 matrices and tables below will change as you zoom in or out of the chart.
### Summary and detailed estimates of likely program spending

#### All programs

**Funding by Agency**
- Department of Transportation: $567.1B (65.7%)  
- Department of Energy: $380.8B (9.4%)  
- Environmental Protection Agency: $67.0B (7.8%)  
- 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**
- Formula: $660.0B (76.4%)  
- Competitive: $203.8B (23.6%)  

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<th>Program</th>
<th>Estimate</th>
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<th>Competitive</th>
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<td>National Highway Performance Program »</td>
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<td>Bridge Replacement, Rehabilitation, Preservation, Protection, and Construction Program (Bridge Formula Program) »</td>
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<td>Airport Infrastructure Grants (including transfers of funds) »</td>
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Maximizing the Infrastructure Investment and Jobs Act (IIJA) to Address Our Generational Climate Needs

Joseph Kane | Brookings Institution | jkane@brookings.edu
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.”
<table>
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<tr>
<th>State</th>
<th>WA</th>
<th>VA</th>
<th>NY</th>
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<td><strong>Investment minimum % for disadvantaged communities</strong></td>
<td>40% target and 35% min. Plus additional 10% for tribal communities</td>
<td>No</td>
<td>40% target and 35% minimum</td>
<td>Act states intent to prioritize but no specificity</td>
<td>Carve outs for low-income communities</td>
<td>35% investment minimum</td>
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<td><strong>Equity benefits / strengths</strong></td>
<td>Package of laws to phase out fossil fuels passed with diverse coalition including tribes</td>
<td>Creates program to reduce energy burden for low-income customers</td>
<td>Most equity centered law as a result of justice advocates</td>
<td>Screening tool and just transition/worker elements</td>
<td>Strong worker provisions. Led by IL Clean Energy Jobs Coalition</td>
<td>Over $4 billion invested in and benefiting EJ communities</td>
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WHY J40?
Disparities hinder an equitable, sustainable future

- Pollution & health impacts
- Impacts of climate change
- Limited local government & community capacity
- Impacts on fossil fuel workers
- Uneven costs and benefits in transition to clean energy

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

Ex: NY
Ex: VA
Ex: CA
Ex: IL
Ex: WA
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

THANK YOU
Thank you for joining!

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