

2023 ANNUAL CONFERENCE & EXPOSITION

June 27 – 30, 2023 • Hilton Orlando Bonnet Creek • Orange County



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Capitalizing on Infrastructure Funding Opportunities

RACE TO ZERO





RACE TO ZERO



- **Introductions**
 - Who We Are
 - How to Work With Us
- **Funding Opportunities**
 - Current / Future Funding Opportunities
 - Putting Together a Competitive Application
 - Resources Available to You
- **Questions**



RACE TO ZERO

FloridaRacetoZero.com
@FLRacetoZero

- Municipalities “Racing” To Carbon Neutrality
- Florida Is a National Leader
- Nearly Twenty Municipalities Have Joined
- Partnerships with the Florida League of Cities, Florida Association of Counties, and other In-State NGO Groups
- A Resource for You

ICLEI USA

Part of a 40-year old global network providing support to, and advocacy for, local governments.



Local and Regional
Government
Sustainability



Decarbonization



Circularity



Equity



Community
Resilience



Nature &
Health



Southeast Sustainability Directors Network

SSDN's 10 State Region

Alabama

Arkansas

Georgia

Florida

Louisiana

Mississippi

North Carolina

South Carolina

Tennessee

Virginia

110+
members
and
growing



We connect local government sustainability professionals throughout the region to accelerate, scale, and implement sustainable best practices so that communities are equipped to equitably adapt to and mitigate climate change.

SSDN Core Programs

Peer Learning

Peer-to-Peer Network

Listservs

Workgroups

Annual Meeting

Federal Programs

To support local governments
in accessing federal funding:

- Technical Assistance & Support
- EPA R4 Multimedia Env. Finance Center
- Local Infrastructure Hub

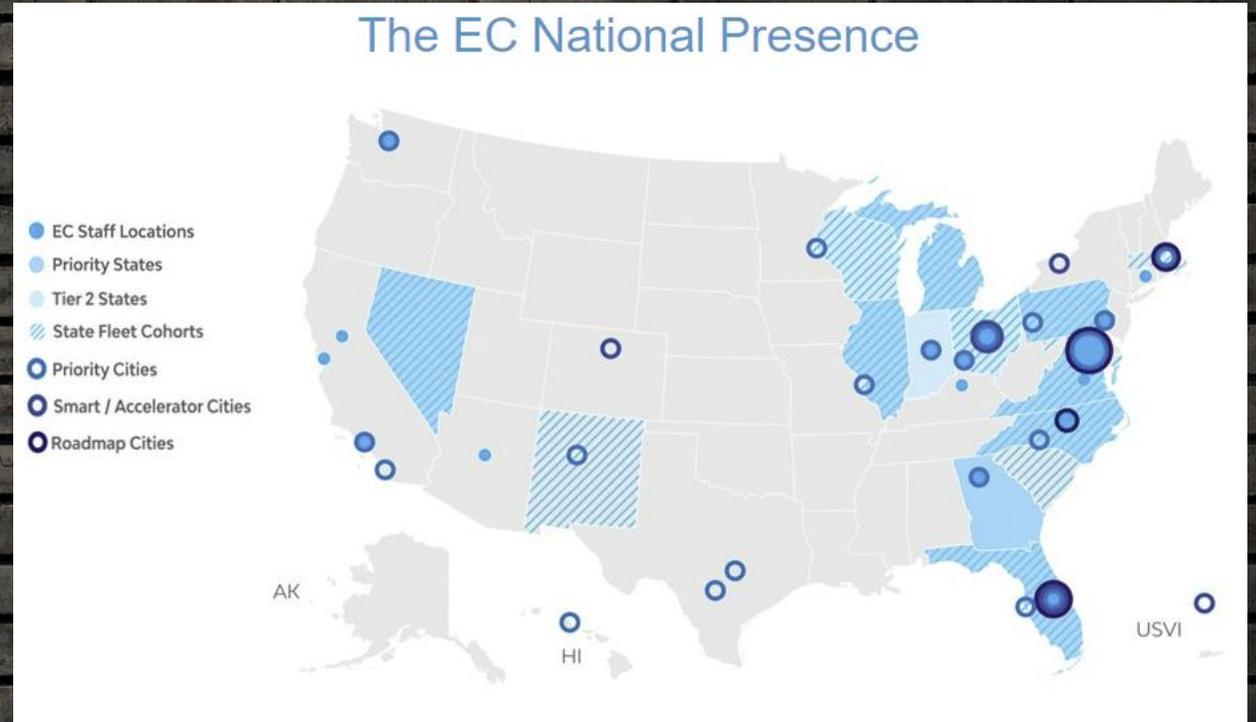
State Policy Program

Provides information for local
governments on state policy, including:

- Legislative tracking & analysis
- Capacity building
- State Networking

The Electrification Coalition

The **Electrification Coalition (EC)** is a nonpartisan, nonprofit organization dedicated to driving the policies and actions that will electrify all modes of transportation to protect economic and national security, public health, and American jobs.



Electrification Coalition Programs

EV Adoption Programs Around the U.S.



Technical Lead

Climate Mayors EV Purchasing Collaborative



State EV Policy Accelerator

NV, MI, PA, VA, NC



Electrification Advisor

Bloomberg American Cities Climate Challenge



Lead Electrification Partner

Smart Columbus



Federal EV Infrastructure Program

State agency collaboration on EV infrastructure investments (NEVI fund)



Electric Freight Consortium

Private-sector collaboration



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- Energy Department-Supported
- Pilot Projects in Sarasota and Tallahassee
- NREL Slope Tool
- Capacity to Assist Florida Municipalities in 2023



SSDN

- State of Play: BIL & IRA
- Anticipated Funding Timeline
- Key Opportunities
- Prepare for 2024

Timeline of Current Sustainability Grants

Please be aware that this list is not encompassing and only covers select federal assistance opportunities that were specifically curated to be relevant for local governments. States, tribal nations, and non-profits will want to consult directly with grants.gov or other information sources to understand whether these or other opportunities are relevant for them.

Currently Open	June	July	Fall	Winter
HUD Green and Resilient Retrofits Program				Applications Due March 2024
DOE EECBG Formula		Pre-Proposal Information Sheets Due July 31		Applications Due January 2024
DOE Energy Futures		Letter of Intent Due July TBD	Applications Due September TBD	
DOT PROTECT			Applications Due August 18	
EPA Clean School Bus			Applications Due August 22	
DOE EECBG Competitive	Concept Papers Were Due June 5th	Applications Due July 31		
DOT Safe Streets For All		Applications Due July 10		

Anticipated Grant Timeline

Please be aware that this only covers select federal assistance opportunities and provides an estimate based upon precedent, authorizing statute language, or other agency or administration communication,

Anticipated Shortly	June	July/August	Fall	Winter
<u>DOT Multimodal Discretionary Grants (Mega, INFRA, and Rural)</u>	<u>DOE Energy Futures</u>	<u>DOE Local Government Energy Program</u>	<u>DOT SMART</u>	<u>CPRG Implementation Grants</u>
	<u>DOT Neighborhood Access & Equity</u>	<u>EPA Climate & EJ</u>	<u>FEMA BRIC</u>	<u>Clean Ports Initiative Grant</u>
	<u>DOT Transit-Oriented Development Pilot Program</u>	<u>WIIN: Reducing Lead in Drinking Water</u>	<u>FEMA Flooding Mitigation Assistance Grant</u>	
	<u>EPA DERA Heavy Duty National Program</u>	<u>EPA Greenhouse Gas Reduction Fund Solar for All</u>	<u>EPA Brownfields Multipurpose, Assessment, and Cleanup</u>	
			<u>EPA Clean Heavy Duty Vehicles</u>	



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EPA Climate & EJ Community Grant

- \$2 Billion program focusing on climate and environmental justice projects
- Solicitation anticipated to open in July/August with year long period with rolling deadlines
- **Requires partnership between Local Government and Community-Based Organization**
- Project period and funds have to be spent by 9/30/26
- Eligible Activities:
 - *Community-led air and other pollution monitoring, prevention, and remediation,*
 - *Low- and zero emission and resilient technologies and related infrastructure*
 - *Workforce development that help reduce GHG emissions and other air pollutants*
 - *Mitigating climate and health risks from UHI, extreme heat, and wildfire events;*
 - *Climate resiliency and adaptation;*
 - *Reducing indoor toxics and indoor air pollution; or*
 - *Facilitate engagement of disadvantaged communities in State and Federal public processes*

DOE Energy Futures

- Up to \$27 million is available
- Focused on advanced stage projects that advance innovative clean energy policies
- Requires partnerships of 3-4 local governments and/or CBO's
- *Eligibility:* Local Governments, State, or Tribal Nations
- Concept Papers due towards end of July,
- Full applications due in September
- ***Funding Announcement likely this week***

Energy Future Grants - Award Structure



Not “Advanced stage”, consider instead:

DOE’s Local Government Energy Program

NOAA Coastal Programs

- **NOAA Climate Resilience Regional Challenge:** *(Letter of Intent Due August 21, 2023)* [\(Link\)](#)
 - **Track One - Regional Collaborative Building and Strategy Development:** Initiates new, regional-scale collaborations or to advance existing partnerships focused on climate resilience. (**Funding:** 20-25 applicants at \$500,000 to \$2 million each)
 - **Track Two - Implementation of Resilience and Adaptation Actions:** Provides funding for applicants to implement coordinated adaptation efforts that support a holistic vision for resilience (**Funding:** 15 applicants at \$15 to \$75 million each)
- **Anticipated Soon:**
 - **NOAA FY2022 Transformational Habitat Restoration and Coastal Resilience Grants:** *Provides for habitat restoration, conservation of threatened species, & use of natural infrastructure for resilient communities* [\(Link\)](#)
 - **NOAA Coastal Habitat Restoration and Resilience Grants for Underserved Communities:** *Provides capacity building activities & engaged underserved communities to advance habitat restoration activities.* [\(Link\)](#)
- **Recurring Next Year:**
 - **NFWF Coastal Resilience Grant**
 - **RAE National Estuary Program Coastal Watersheds Grant**

Prepare for 2024

- **Subaward Opportunities**

- Fund the Funder Aggregators
- Greenhouse Gas Reduction Fund
- State Pass Through

- **Recurring Funding:**

- DOT RAISE:
- FEMA BRIC
- DOT Reconnecting Communities (*Opens soon*)

- **Opportunities for Assistance:**

- SSDN (& Government Associations)
- Federally Supported Technical Assistance Centers

Fiscal Year	2022	2023	2024	2025	2026	5-Year Total
Planning & Technical Assistance	\$50M	\$50M	\$50M	\$50M	\$50M	\$250M
Capital Construction	\$145M	\$148M	\$150M	\$152M	\$155M	\$750M
Total Authorized Amount	\$195M	\$198M	\$200M	\$202M	\$205M	\$1,000M

Questions?

Contact Michael Dexter for more information

Michael@SoutheastSDN.org

www.southeastSDN.org



Local Governments
for Sustainability

USA

EPA Climate Pollution Reduction Grant

\$1,000,000 allocated to largest metropolitan statistical areas in U.S. In Florida, recipients are:

- Miami – Fort Lauderdale – Pompano Beach
- Tampa – St. Petersburg – Clearwater
- Orlando – Kissimmee – Sanford
- Jacksonville
- North Port – Sarasota – Bradenton

EPA Climate Pollution Reduction Grant

- Priority Climate Action Plan: March 2024
- Comprehensive Climate Action Plan: mid-2025
- Status Report: mid-2027

EPA Climate Pollution Reduction Grant

GHG Requirements:

- Community-wide Inventory
- Emissions Projections
- Reduction Targets by sector
- Quantified GHG Reduction Measures by sector
- QAPP

*This is not EPA guidance – when in doubt,
contact your CPRG Project Officer*

Available Calculators

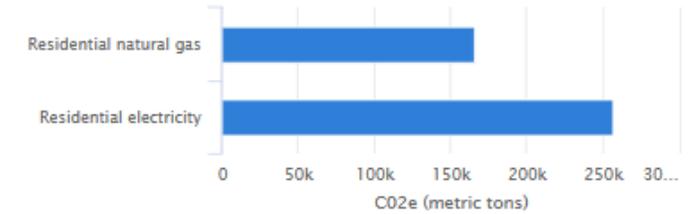
Pick a calculator to enter a new record.

- [Emissions from Grid Electricity \(USCP Required\)](#) ⓘ
- [Emissions from Stationary Fuel Combustion \(USCP Required\)](#) ⓘ
- [Notation Keys for Residential Energy](#) ⓘ
- [Emissions from Stationary Fuel Combustion \(User Supplied Emissions Factors\)](#) ⓘ

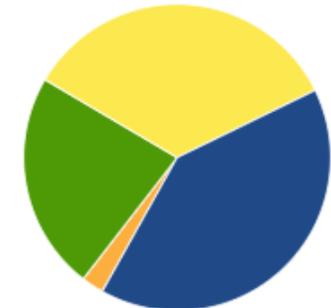
Inventory Records For Residential Energy

Residential natural gas	Edit Delete
Residential electricity	Edit Delete

CO2e By Record



CO2e By Category



● AFOLU
 ● Solid Waste
 ● Commercial Energy
 ● Transportation & Mobile Sources
 ● Residential Energy

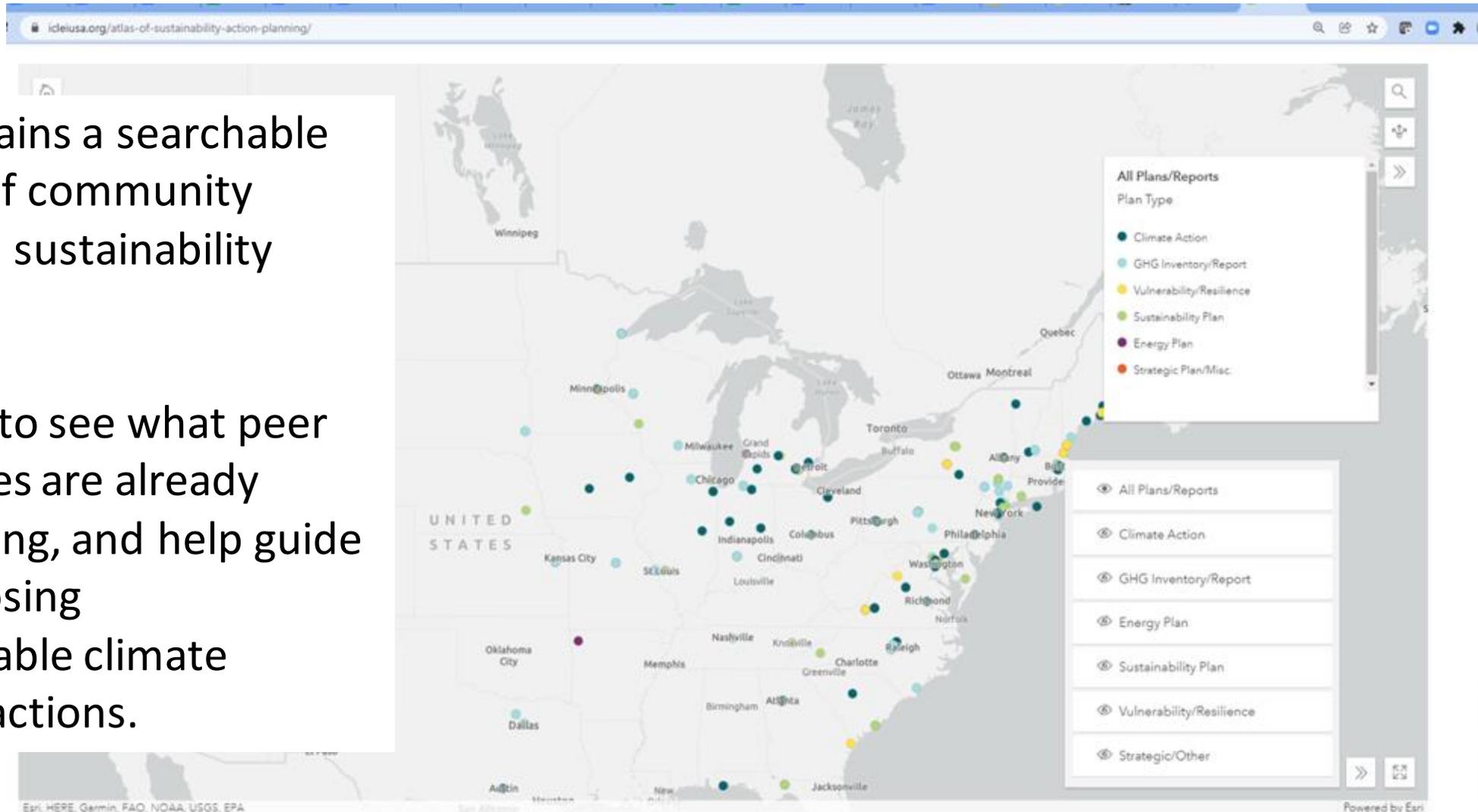
US Community Protocol GHG Inventory

This is work that ICLEI is already completing with Florida Counties

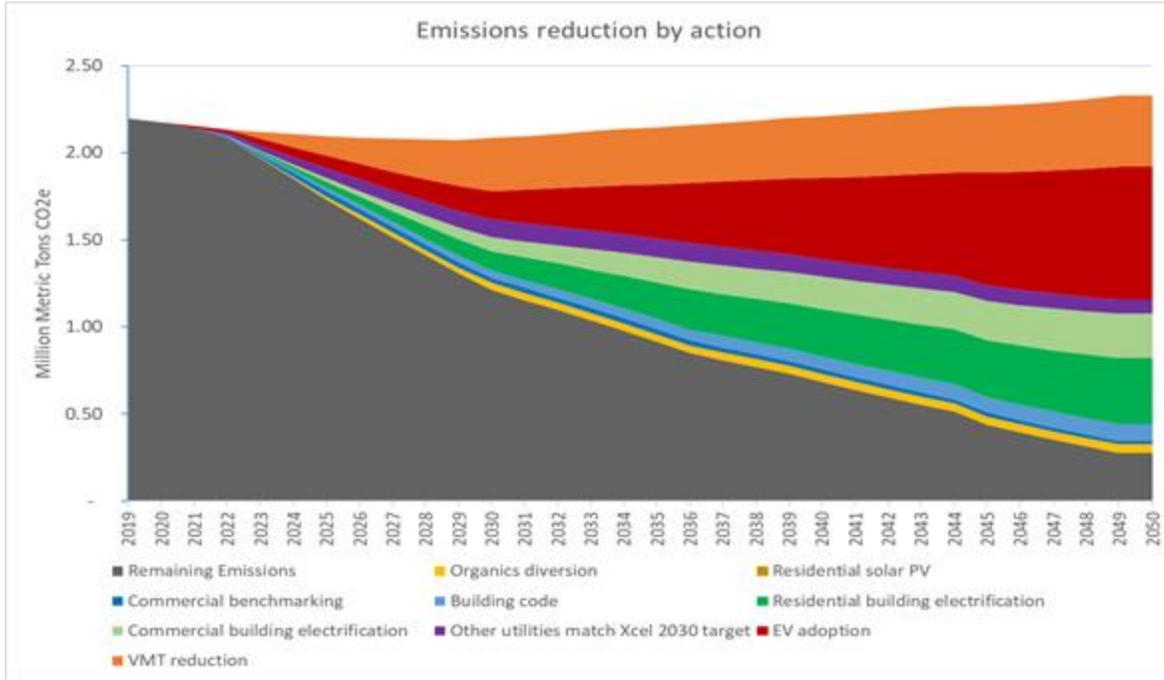
Atlas of Sustainability Action Plans

ICLEI maintains a searchable collection of community climate and sustainability actions.

Allows you to see what peer communities are already implementing, and help guide you in choosing implementable climate mitigation actions.



ICLEI Wedge Analysis



We also already have by-sector forecasting tools, which can be used for CPRG, but can also be used for any County GHG reduction or net zero plan.

Type	Net Reduction (MT CO ₂ e) in 2030	Level of Impact
VMT Reduction	304,465	Very High Impact
Electric Vehicle (EV) Adoption	162,521	Very High Impact
Other Utilities Match 2030 Target	103,292	High Impact
Commercial Building Electrification	77,488	High Impact
Residential Building Electrification	112,735	High Impact
Building Energy Code Update	40,301	Medium Impact
Commercial Benchmarking	28,920	Medium Impact
Organics Diversion	36,496	Medium Impact
Residential Solar PV Adoption	4,565	Low Impact

Thank you!

Jake Leech, Senior Program Officer

jake.leech@icleiusa.org





Electrification Coalition

Federal Opportunities: Bipartisan Infrastructure Law

Dedicated EV Funding:

1. \$5 billion for EVSE build-out along highways (NEVI)
2. \$2.5 billion competitive grants; 50% set aside for community grants with priority for rural and underserved communities
3. \$2.5 billion for electric school buses, \$2.5 billion zero emission and low emission buses

Through the BIL, and according the department of transportation, Florida will receive the following over the next five years:

- \$198 million for an EV charging network in the state
- \$320 million to reduced transportation related emissions
- \$364 million to increase the resilience of its transportation system

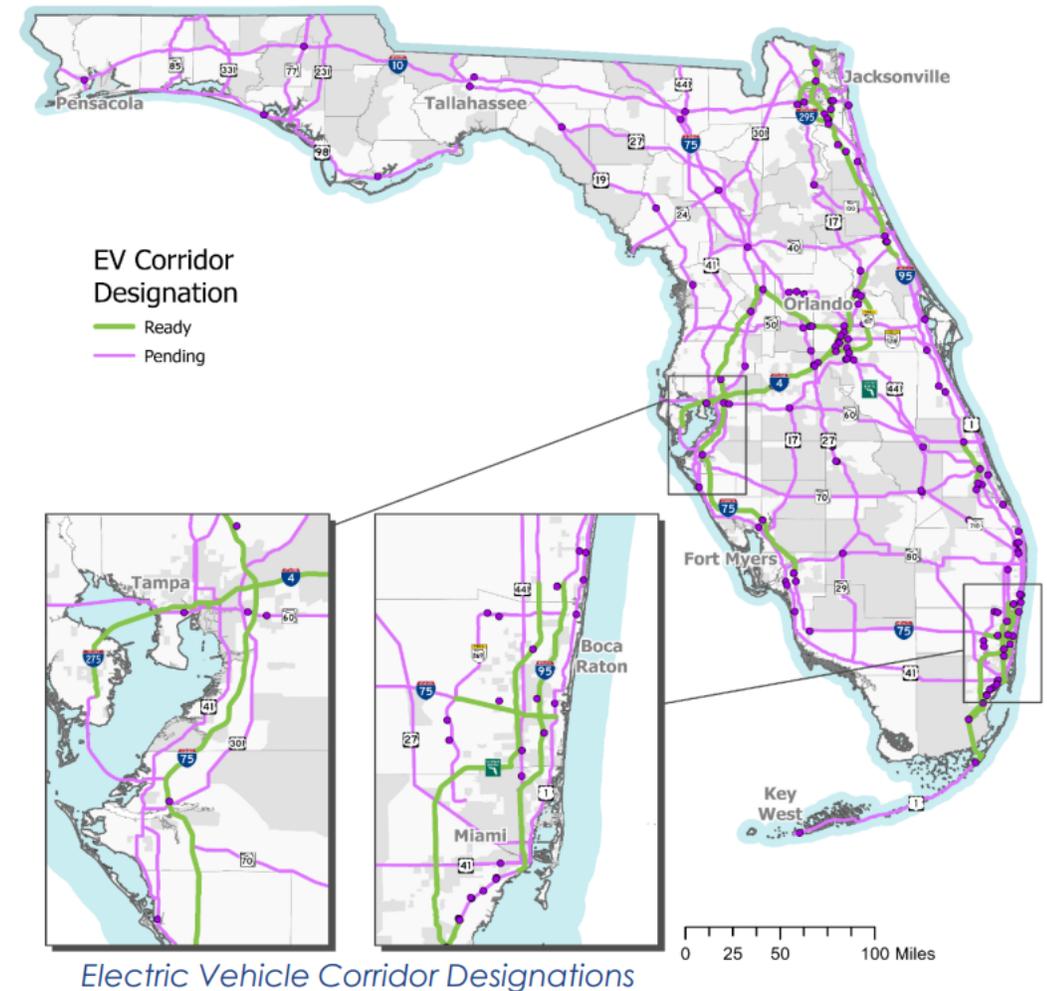


Florida's NEVI Funding

\$198 million
over 5 years

\$39 million
in funding approved for FY 2022

Over 6000 miles
of alternative fuel corridors designated



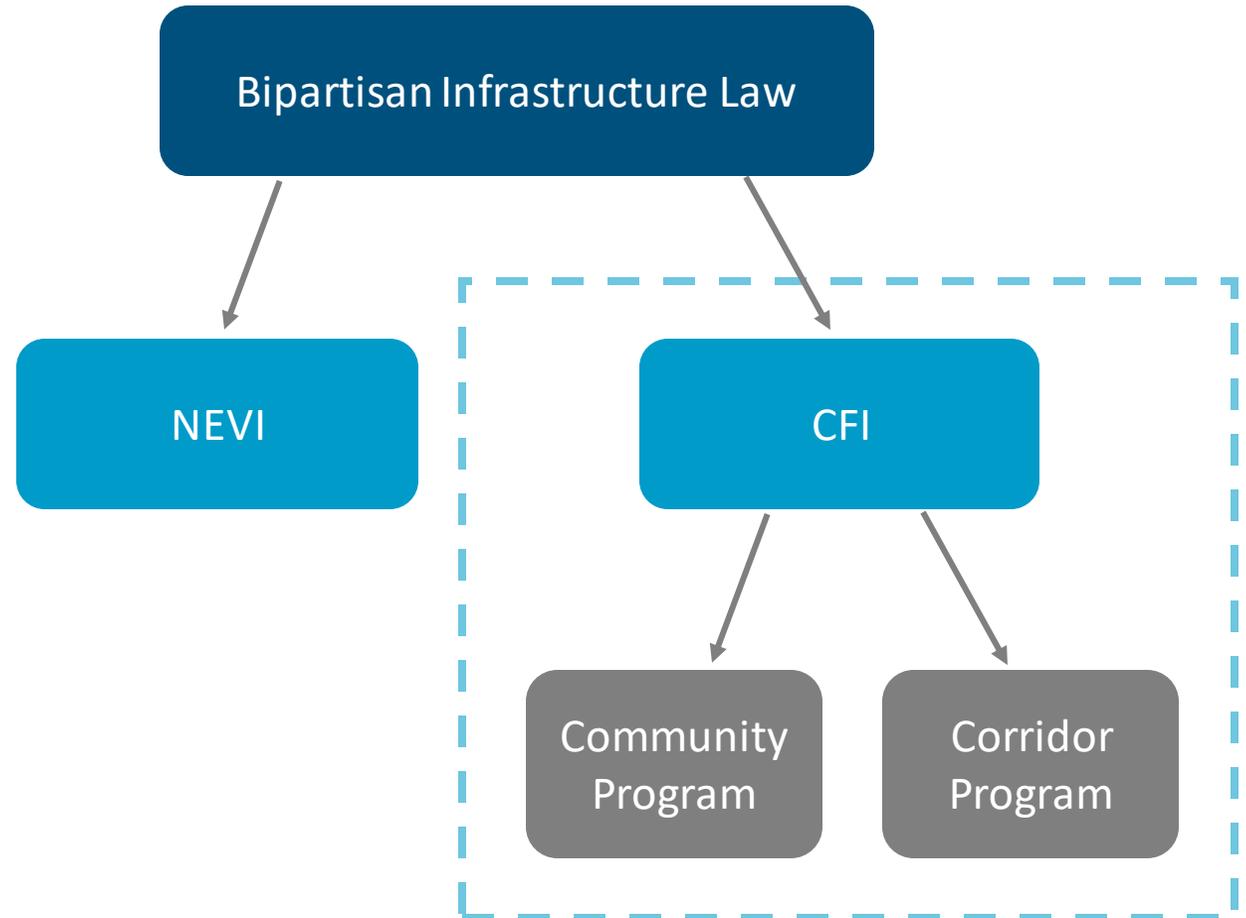
Sources: FDOT

Charging and Fueling Infrastructure Grant (CFI)

The Other Side of the BIL

On March 14, The DOT released the Notice of Funding Opportunity for the Charging and Fueling Infrastructure Grant, detailing the breakdown of the remaining **\$2.5 Billion in funding** from the BIL.

- This funding is discretionary
- Divided between community and additional corridor deployment projects
- The standards can be found on [grants.gov](https://www.grants.gov) or the DOT's website



Goals of CFI

- Supplement, not supplant, necessary private sector investment
- Complement existing Federal programs
- Facilitate broad public access to a national charging and alternative fuel infrastructure network to accelerate adoption of zero-emission vehicles
- Implement Justice40 objectives, lower transportation costs, and increase economic opportunity
- Advance job quality, workforce development, and workforce equity
- Reduce greenhouse gas and vehicle-related emissions.



Eligible Applicants

Eligible Applicants	Community Program	Corridor Program
A State or political subdivision of a State	Yes	Yes
A metropolitan planning organization	Yes	Yes
A unit of local government	Yes	Yes
A special purpose district or public authority with a transportation function, including a port authority	Yes	Yes
An Indian Tribe	Yes	Yes
A territory of the United States	Yes	Yes
An authority, agency, or instrumentality of, or an entity owned by, 1 or more entities as listed above	Yes	Yes
A group of entities as listed above	Yes	Yes
A State or local authority with ownership of publicly accessible transportation facilities	Yes	No

EPA's Clean School Bus Program

- \$5 billion available over the next five years to replace school buses with low- and zero-emission school buses.
- The first funding round was awarded in September 2022
- Florida received 30 buses for 4 districts, totaling \$12 million in funds:
 - Lafayette
 - Sumter
 - Taylor
 - Dixie
- In April, EPA announced an additional \$400 million in funding, applications are due August 22nd, 2023.
 - Eligible applicants: state and local government entities, tribes, nonprofit transportation associations, contractors, public charter school districts



Inflation Reduction Act

- ✓ Light-Duty EV Tax Credit
- ✓ Used EV Tax Credit
- ✓ Commercial Clean Vehicle Tax Credit
- ✓ Advanced Technology Vehicle Manufacturing Loan Program
- ✓ Advanced Manufacturing Production Tax Credit
- ✓ Greenhouse Gas (GHG) Reduction Program
- ✓ Environmental and Climate Justice Block Grant
- ✓ Neighborhood Access and Equity Grant Program
- ✓ And much more!

IRA Clean Vehicle Tax Credits: Elective Pay

- Proposed guidelines on elective pay/direct pay by the IRS last week
- Elective pay credit allows tax-exempt and governmental agencies to benefit from tax credits from which they were previously ineligible based on their lack of federal tax burdens; credit comes as a refund
- Applies to 12 of the Inflation Reduction Act's tax credits, including for generating clean electricity through solar, wind, and battery storage projects; building community solar projects that bring clean energy to neighborhood families; [installing electric vehicle \(EV\) charging infrastructure](#); and [purchasing clean vehicles for state or city vehicle fleets](#)

Vehicles

Credit for Qualified Commercial Clean Vehicles (§ 45W)

For purchasers of commercial clean vehicles. Qualifying vehicles include passenger vehicles, buses, ambulances, and certain other vehicles for use on public streets, roads, and highways.

Credit Amount: Up to \$40,000 (max \$7,500 for vehicles <14,000 lbs) ⁹

Alternative Fuel Vehicle Refueling Property Credit (§ 30C)

For alternative fuel vehicle refueling and charging property, located in low-income and non-urban areas. Qualified fuels include electricity, ethanol, natural gas, hydrogen, and biodiesel.

Credit Amount: 6% of basis for businesses and can increase to 30% if PWA is met.

The EV Funding Finder:

The [EV Funding Finder](#) is a user-friendly tool to identify federal transportation electrification funding opportunities. The EV Funding Finder:

1. Lowers the barrier to entry to identifying and accessing federal funding opportunities for transportation electrification
2. Shows how funding opportunities can be stacked and which alternative routes can be utilized to fund projects
3. Provides case studies that show potential use of funds

*The EV Funding Finder will be updated regularly as new information on programs becomes available

EV Funding Finder

A user-friendly tool to identify federal funding opportunities

The future of transportation is electric, given the massive benefits everyday Americans, businesses, local governments, cities and states stand to gain. Not only does electric transportation save drivers money through stably priced fuel, but it also benefits air quality, public health, and the job market. With unprecedented investment at the federal level to aid in the electric transportation transition, businesses, local governments, cities, and states have an exciting opportunity to participate in this transition. But they must work together.

All of the funding available can make identifying and applying for the proper funding streams daunting. This tool helps eligible recipients sort through available federal funds for transportation electrification and helps recipients understand how investments can be matched. It can also help users identify where technical assistance is available.



electrificationcoalition.org/ev-funding-finder/

Step 1: I represent a...

- City
- Rural Area
- School
- Freight/Shippers and Carriers
- EV Advocate or Community Organization
- Business
- Non-Profit Transportation Group
- Individual
- State



EV Funding Finder

A user-friendly tool to identify federal funding opportunities

Step 2

Select Funding Scenarios

- Purchase or Lease a Light-Duty Vehicle
Funds to purchase or lease a light-duty vehicle (ex: passenger car)
- Purchase Light-Duty Charging Infrastructure
EV charging infrastructure incentives for light-duty vehicles
- Grid Upgrades
Funding for updating and preparing the grid for at-scale EV adoption
- Purchase or Lease a Medium- or Heavy-Duty Vehicle
Funds to purchase or lease a medium- or heavy-duty vehicle (ex: school bus)
- Purchase Medium- or Heavy-Duty Charging Infrastructure
EV charging infrastructure for medium- and heavy-duty vehicles
- Access Support Planning
Funding to ensure adequate planning of EV infrastructure
- Support Workforce Development
Funds to train and ensure a workforce has the required skills and certifications
- Access Technical Assistance
Funds to provide technical expertise to access EVs or EV infrastructure
- Electrify Ports
Funding for shipping and transportation companies to electrify port transit

Case Study: Voltland wants to ensure that low-income and disadvantaged communities have access to EV charging

Voltland successfully submitted a National Electric Vehicle Infrastructure (NEVI) plan to electrify the state's corridors and heard from a number of stakeholder groups that the state should locate additional electric vehicles (EV) charging infrastructure in low-income and disadvantaged communities. Voltland is aware that, to accomplish that goal, it needs EV charging at multi-unit dwellings, long-dwell time locations in low-income and disadvantaged communities and charging along streetlights. Eager to align with Justice40 goals, Voltland can:

- **Apply for the \$2.5 billion Discretionary Grant Program for Charging and Fueling Infrastructure** and partner with cities and local governments to place EV charging at multi-unit dwellings, since 50% of the grant program is dedicated to low-income and rural areas.
- **Partner with local communities on the Neighborhood Access and Equity grant program** and apply for the nearly \$1.26 billion set aside specifically for economically disadvantaged communities. (The program funds total \$3 billion.)
- **Apply for the \$7 billion funding stream through one part of the Greenhouse Gas Reduction Fund**, of which states are eligible recipients, for technical assistance in planning for the deployment of EV charging infrastructure in low-income areas. The funding can be used both for EV charging infrastructure and for future-proofing certain multi-unit dwelling locations.

Please note that the case study above is imaginary and that funding pathways will be updated by the EC monthly. Results are comprehensive but may not be reflective of imminent program changes. EV Funding Finder users should also be sure to inquire about state-specific incentives that could further support projects. For additional information on deadlines and RFPs, check out the [Climate Program Portal](#).

To accomplish your transportation electrification project consider utilizing or applying to:

Purchase a light duty EVSE

- [Airport Zero Emission Vehicle Program](#)
- [Alternative Fuel Vehicle Refueling Property Tax Credit \(30C\)](#)
- [Carbon Reduction Program](#)
- [Clean Heavy Duty Vehicle Program](#)
- [Conservation Innovation Grants](#)
- [Discretionary Grant Program for Charging and Fueling Infrastructure](#)
- [Federal Land Access Program](#)
- [Greenhouse Gas Reduction Fund](#)
- [Neighborhood Access and Equity Grants](#)
- [National Electric Vehicle Infrastructure Formula Funding](#)
- [Public Works and Economic Adjustment](#)
- [State Energy Program](#)
- [Surface Transportation Block Grants](#)

Case Study: Voltland wants to ensure that low-income and disadvantaged communities have access to EV charging

To accomplish your transportation electrification project consider utilizing or applying to:

Purchase a light duty EVSE

Clean Heavy-Duty Vehicle Program

Distributed by the Environmental Protection Agency
Funded from Dec. 14, 2022–Sept. 30, 2031
Match funding requirement: none
Ability to stack with other programs: TBD

EPAs Clean Heavy-Duty Vehicle Program will provide rebates and/or grants to eligible applicants for the incremental cost of replacing non-zero emission vehicles with EVs or installing EV charging infrastructure: for workforce development and training to support the maintenance of EV charging stations; or for planning and technical activities. Eligible applicants include states, local governments, Indian tribes, and nonprofit school transportation associations. The grants and/or rebates can only be used to replace Class 6 or 7 vehicles, however. A specific amount of funding is set aside for replacing vehicles in non-attainment areas.

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Case Study: Voltland wants to ensure that low-income and disadvantaged communities have access to EV charging

To accomplish your transportation electrification project consider utilizing or applying to:

Purchase a light duty EVSE

National Electric Vehicle Infrastructure Formula Funding

Distributed by the Federal Highway Administration
Funded from Sept. 30, 2022–Sept. 30, 2027
Match funding requirement: 20%

The National Electric Vehicle Infrastructure (NEVI) formula funds will go directly to states to allow for the construction of EV charging infrastructure along identified alternative fuel corridors.

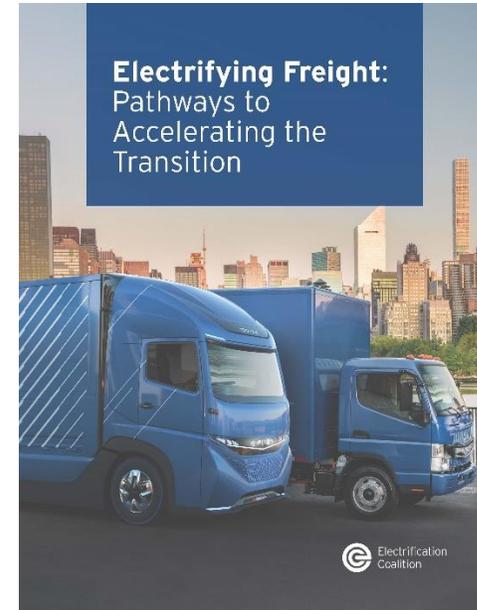
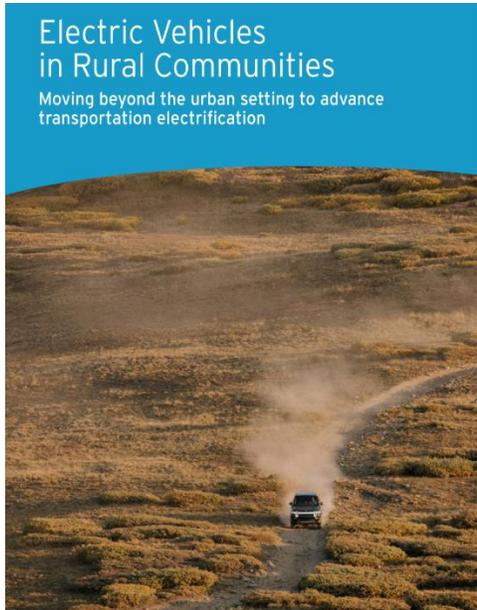
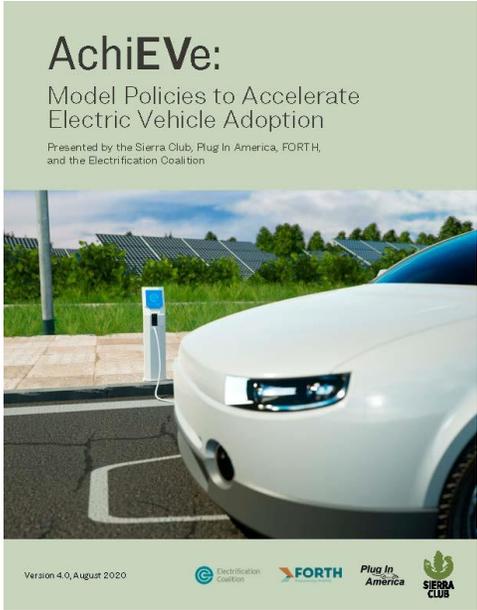
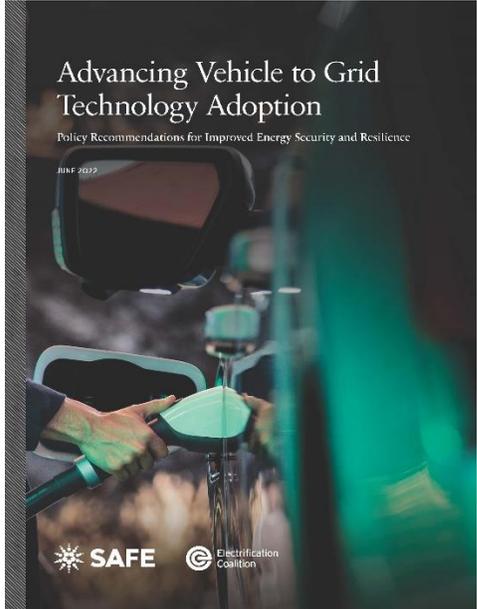
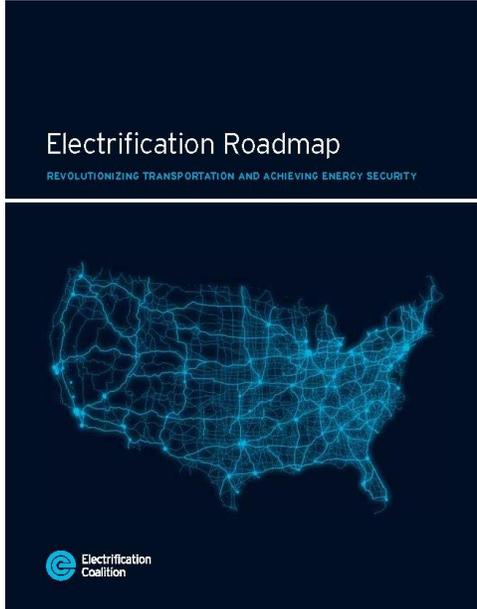
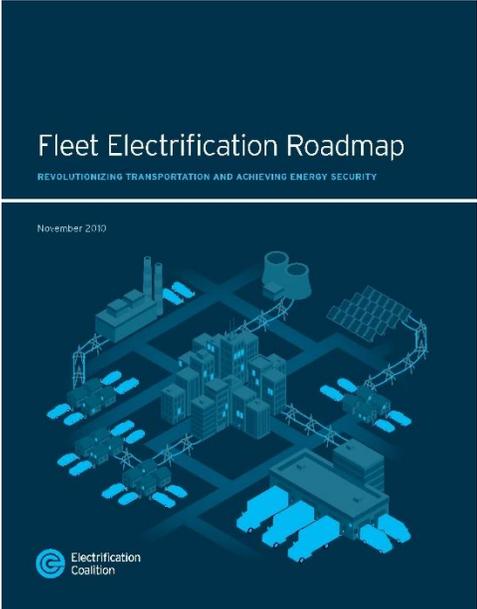
How each state implements the awarded funding is determined by each state's approved NEVI plan. Businesses located along the identified alternative fuel corridors can elect to be a "site host" for the EV charging stations. Businesses must be located no more than one mile off the corridors and must also meet other parameters, such as lighting and public amenity (i.e., restroom) requirements, in addition to the power capability for the EV charging stations.

The Joint Office of Energy and Transportation offers technical assistance to applicants.

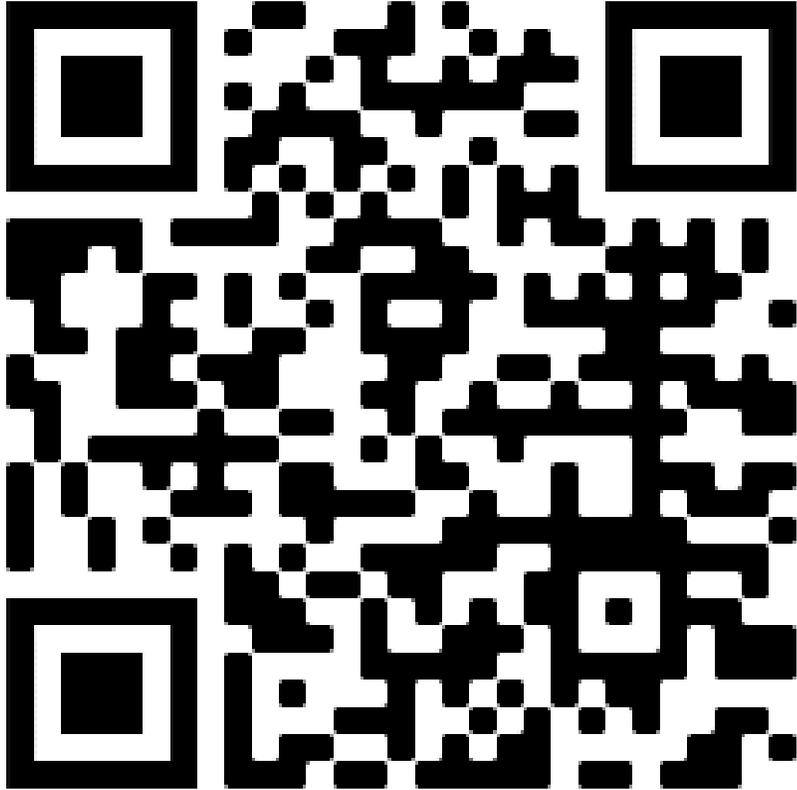
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EC Resources and Toolkits



Explore more resources at www.electrificationcoalition.org

Thank you!

Celia Kosinski

Policy Manager

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Electrification
Coalition



CAPITALIZE ON INFRASTRUCTURE FUNDING OPPORTUNITIES

SIGN IN / SURVEY:

