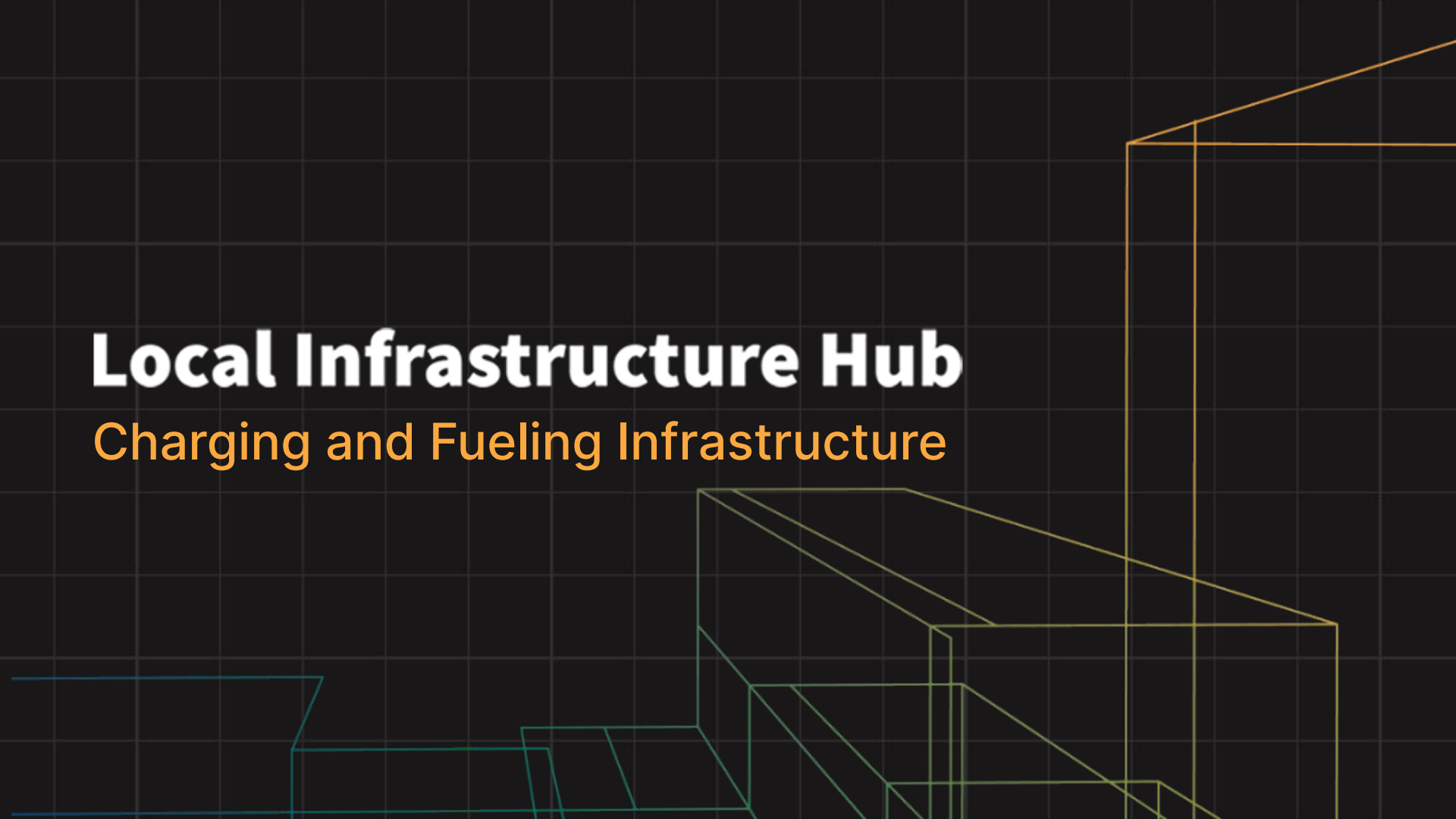


# Local Infrastructure Hub

Charging and Fueling Infrastructure





Joint Office of  
**Energy and  
Transportation**

# **Building a Future Where Everyone Can Ride and Drive Electric**

**Gabe Klein**

Local Infrastructure Hub

February 13, 2024

[driveelectric.gov](https://driveelectric.gov)



# Joint Office Overview and Priorities

# Mission and Vision



## Mission

To accelerate an electrified transportation system that is affordable, convenient, equitable, reliable, and safe.

## Vision

A future where everyone can ride and drive electric.



# Vision for the Joint Office of Energy and Transportation

- 1 Support **deployment of zero-emission, convenient, accessible, equitable transportation infrastructure**—coordinating and leveraging activities between the U.S. Department of Energy and the U.S. Department of Transportation.
- 2 Serve as the **front door to the Federal Government for expertise and technical assistance.**
- 3 Serve as a **convener of federal agencies, private sector companies, NGO and academia** to bring an all of government and stimulate an all of society approach to zero emissions transportation and mobility services.
- 4 Focus on **social return on investment and providing pilot funding to test outcomes** vs. simply hardware.

# Infrastructure Investment & Jobs Act (IIJA)

## Programs Supported by the Joint Office

The Joint Office provides unifying **guidance**, **technical assistance**, and **analysis** to support the following programs:



### **National Electric Vehicle Infrastructure (NEVI) Formula Program (U.S. DOT)**

**\$5 billion** for states to build a national electric vehicle (EV) charging network along corridors, including **\$148 million** awarded to repair and replace non-operational chargers.



### **Charging & Fueling Infrastructure Discretionary Grant Program (U.S. DOT)**

**\$2.5 billion** in community and corridor grants for EV charging, as well as hydrogen, natural gas, and propane fueling infrastructure



### **Low-No Emissions Grants Program for Transit (U.S. DOT)**

**\$5.6 billion** in support of low- and no-emission transit bus deployments



### **Clean School Bus Program (U.S. EPA)**

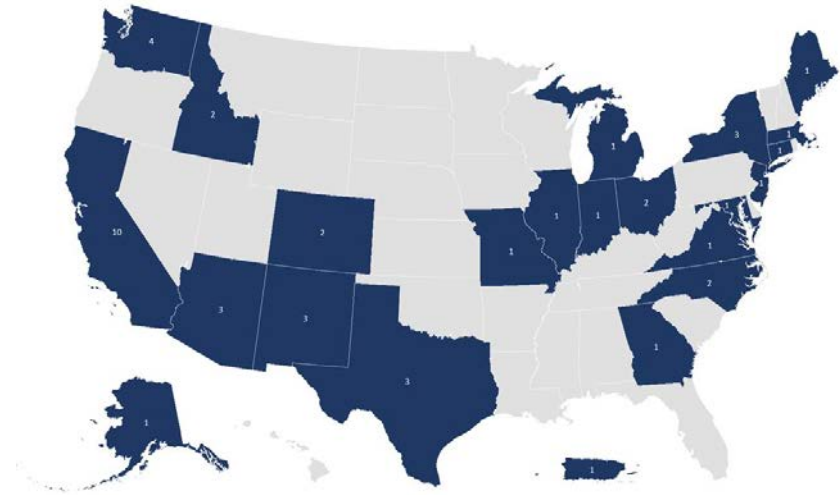
**\$5 billion** in support of electric school bus deployments



# CFI Funding

Discretionary  
Grant Program  
for **Charging  
and Fueling  
Infrastructure  
(CFI)**

- **\$623 million** awarded January 2024
- **47** EV charging and alternative-fueling infrastructure projects
- **22 states** and Puerto Rico, 2 tribes
- Building about **7,500 EV charging ports**







# Corridor Projects

focus on:  
long-distance travel and  
connecting major areas

## Example Projects

### **\$70 million to the North Central Texas Council of Governments**

- **What:** **Five** hydrogen fueling stations for medium- and heavy-duty freight trucks
- **Where:** Dallas-Fort Worth, Houston, Austin, and San Antonio.
- **Goal:** Create a hydrogen corridor from southern California to Texas.

### **\$15 million to Energy Northwest**

- **What:** A joint operating agency in Washington State to install **40** fast chargers and **12** Level 2 chargers
- **Where:** Western Washington State and northern Oregon.
- **Goal:** Provide EV access to largely rural and disadvantaged communities, including on Indigenous Tribal lands.



# Community Projects

focus on:

underserved communities,

multifamily housing

multimodal transportation

and workforce development

## Example Projects

### **\$10 million to the New Jersey Department of Environmental Protection**

- Build EV charging stations for residents in multi-family housing in disadvantaged communities and rural areas near transit stations
- Encourage the use of shared transportation services

### **\$15 million to the Maryland Clean Energy Center**

- Build **58** EV charging stations in urban, suburban and low- and moderate-income communities and **34** disadvantaged communities with multi-family housing
- Include workforce development programs.

### **\$15 million to the County of Contra Costa in California**

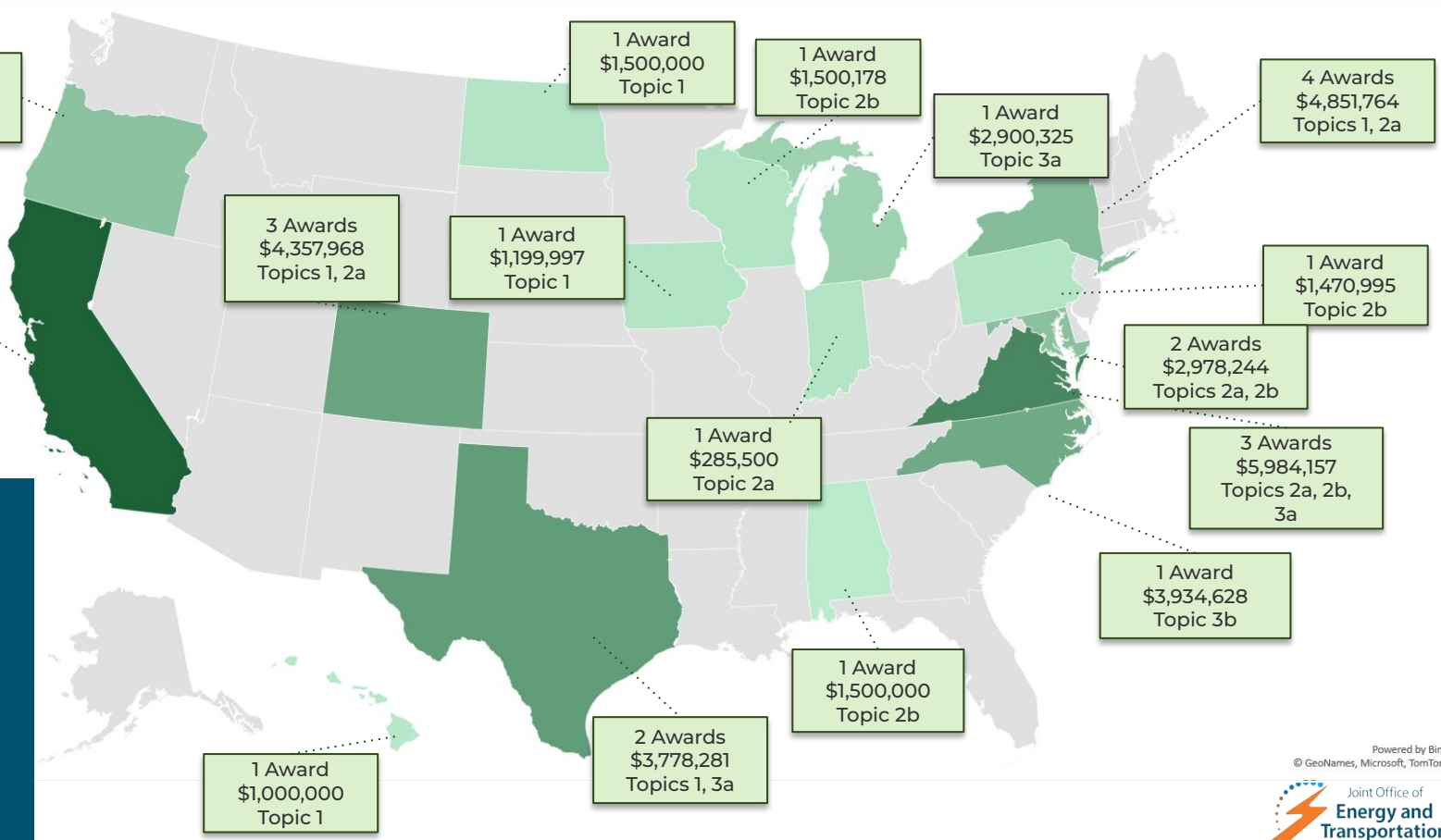
- Build a total of **52** fast chargers and **60** Level 2 chargers at **15** branch locations of the county's library system.



# **Joint Office Ride and Drive Electric Funding Opportunity**

# Overall Breakdown of Federal Funding Across All States

**KEY:** The color gradient is an indication of how much funding a state is receiving. **The darker the color, the more federal funding that state is receiving.**





# Technical Assistance

# Technical Assistance Strategies

- Specialized assistance for **states, communities, Tribal Nations, transit agencies, and school districts**
- **One-on-one meetings** with states to address questions and concerns related to NEVI Formula Program
- **Concierge service** (phone, email, web form) to efficiently route technical assistance requests for NEVI, electric school buses, and transit buses
- Technical assistance support team has **50 staff members across 10 organizations.**

## Technical Assistance

The Joint Office of Energy and Transportation (Joint Office) provides technical assistance on planning and implementation of a national network of electric vehicle chargers and zero-emission fueling infrastructure as well as zero-emission transit and school buses.

### States and Communities

The Joint Office provides technical assistance for [states and communities](#) creating and executing [state plans](#) under the National Electric Vehicle Infrastructure Formula Program and the Charging and Fueling Infrastructure Discretionary Grant Program.

### Tribal Nations

The Joint Office provides technical assistance to [tribal nations](#) electrifying their transportation systems. Learn more about zero-emission transportation [funding opportunities for tribal nations](#).

### School Districts

The Joint Office provides technical assistance to [school districts](#) applying for or receiving funding through the U.S. Environmental Protection Agency's Clean School Bus Program.

### Transit Agencies

The Joint Office provides technical assistance to [transit agencies](#) applying for or receiving funding through the Federal Transit Administration's Low or No Emission Vehicle Program.

[driveelectric.gov/technical-assistance](https://driveelectric.gov/technical-assistance)



Joint Office of  
**Energy and  
Transportation**

# Thank You

February 13, 2024

[driveelectric.gov](https://driveelectric.gov)

# Got big infrastructure goals?

The **Local Infrastructure Hub** is offering free bootcamps to small and mid-sized cities, helping them develop competitive applications for federal funding that will bolster local communities, accommodate growing populations, and tackle infrastructure challenges head-on.



[localinfrastructure.org/application-bootcamp/](https://localinfrastructure.org/application-bootcamp/)



## REGISTER NOW!

Upcoming bootcamps include:

- **Promoting Resilient Operations for Transformative, Efficient, and Cost-Saving Transportation (PROTECT) Grant Program**
- **Clean Energy Tax Credits (Inflation Reduction Act - Elective Pay)**
- **Clean Water State Revolving Fund (CWSRF)**
- **Safe Streets and Roads for All (SS4A)**
- **Charging and Fueling Infrastructure Grants: Community and Corridor (CFI)**
- **Climate Pollution Reduction Program: Implementation Grants (CPRG)**



# Winning Cities Panel

**Andy Schor**

Mayor of Lansing,  
Michigan

**Lauren McLean**

Mayor of Boise, Idaho

**Steve Patterson**

Mayor of Athens, Ohio

# Resources

## Making Electric Vehicle Charging and Alternative Fueling the New Infrastructure Standard (CFI) Webinar

February 13, 2024

- Webinar Recording (*Forthcoming*)
- Webinar Summary (*Forthcoming*)
- **Winning Strategies:** Key strategies for developing a successful CFI grant application
- **CFI Winning Applications:** Review copies of successful CFI applications
- **Boise, ID: CFI Project One Pager:** Review key facts about Boise's CFI winning application and what made their story unique and successful.
- **Charging & Fueling Infrastructure: A Regional Approach (Athens, Ohio):** The Local Infrastructure Hub is highlighting the Southeast to Southwest Ohio Responsive Interregional Deployment of Electrification Solutions (RIDES) Community Project because it shows how CFI grants can be used for electric vehicle (EV) charging infrastructure and regional collaboration development.

## Boise, Idaho: Increasing Access to Electric Vehicle Charging in Boise, Idaho Through Infrastructure Deployment and Workforce Development

Awarded \$3,200,000 • See Boise's [Winning Application](#)

**Summary:** Boise, Idaho received a \$3.2 million grant to create public electric vehicle (EV) charging sites as well as a workforce development initiative to incorporate electric vehicle charging training into two local electrician apprenticeship programs. Boise's proposal includes strong stakeholder engagement as well as a demonstrated, data-based commitment to prioritize the needs of disadvantaged communities.

### Key Application Features

The CFI grant is part of a broader plan for addressing climate change and reducing greenhouse gasses: In its application, Boise explained how a CFI grant would fit in with the city's [Climate Action Roadmap](#), a plan to make Boise carbon neutral by 2050. In addition to identifying locations for and installing chargers, the application includes education and outreach components, workforce development initiatives, and a thorough planning process with a focus on equity.

**Making the Case:** In its application, Boise cited that the entire state of Idaho currently only has 127 EV charging ports and that downtown Boise has no direct current fast charging (DCFC) stations, which can be used for quick charging in heavily-trafficked areas. Using these data, the city proposed the creation of 100 new ports and 4-8 DCFC ports.

Visit  
[localinfrastructure.org](https://localinfrastructure.org)

### PROJECT AT A GLANCE

**Leadership:** Mayor Steve Patterson, Athens, OH  
Andrew Chilk, Deputy Service-Safety Director at City of Athens, OH  
Luke Sulfridge, Executive Director at SOPEC  
Dana Vingris, Director of Grants and Development at SOPEC

**Location:** Southern Ohio  
**Timeline:** Grant awarded January 2024; implementation is ongoing  
**Focus:** Climate, Economic Mobility



### PROJECT DESCRIPTION IN BRIEF

The Southeast to Southwest Ohio Responsive Interregional Deployment of Electrification Solutions (RIDES) Project is led by the Sustainable Ohio Public Energy Council (SOPEC), a regional council of governments that provides public energy services to member communities across Ohio. The project, recently awarded a CFI grant, will provide for investment in electric vehicle (EV) charging infrastructure along a route from Athens to Dayton, benefiting current and future EV users across 16 communities.

# Local Infrastructure Hub

WITH SUPPORT FROM:



THE UNITED STATES  
CONFERENCE OF MAYORS

